

IBM FlashSystem 5100 models deliver improved performance with NVMe-based storage

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At a glance

IBM FlashSystem^(R) 5100 (formerly Storwize^(R) V5100) models 4H4 and UHB are the latest FlashSystem control enclosures designed to combine IBM Spectrum^(R) Virtualize, IBM FlashCore^(R), and IBM^(R) Storage Insights technologies to deliver a Non-Volatile Memory Express (NVMe) accelerated, hybrid storage system.

Improved performance with use of storage-class memory as the highest level storage tier has enabled FlashSystem 5100 to increase performance and lower latencies.

Overview

IBM FlashSystem 5100, formerly Storwize V5100, is a virtualized, software-defined storage system designed to consolidate workloads into a single storage system for ease of management, reduced costs, highly scalable capacity, high performance, and high availability. FlashSystem 5100 models 4H4 and UHB deliver improved latency and performance with the implementation of NVMe technology.

IBM FlashSystem 5100 is an all-flash storage system that is also available in a hybrid flash configuration. These offerings will be differentiated at the time of purchase by selecting a corresponding feature code for either an all-flash or hybrid configuration.

FlashSystem 5100 small form factor (SFF) control enclosure models 4H4 and UHB feature:

- Two node canisters, each with an 8-core processor and integrated hardware-assisted compression acceleration
- 64 GB cache (32 GB per canister) standard with options from 192 GB to 576 GB (per system)
- Eight 10 Gb Ethernet ports standard for iSCSI connectivity
- 16 or 32 Gb Fibre Channel (FC) connectivity options with FC-NVMe support
- 25 Gb Ethernet connectivity options with iSCSI and iSER (RoCe V2 and iWARP) support
- Support for up to twenty-four 2.5-inch NVMe flash drives
- 2U, 19-inch rack mount enclosure

Attachment and intermixing of existing Storwize V5100 expansion enclosure models 12F, 24F, AFF, A9F, and 92F is supported with FlashSystem 5100 models 4H4 and UHB.

FlashSystem 5100 systems scale up to 760 drives with the attachment of FlashSystem 5100 expansions.

FlashSystem 5100 systems can be clustered to help deliver greater performance, bandwidth, and scalability. A FlashSystem 5100 clustered system can contain up to two FlashSystem 5100 systems and up to 1,520 drives. A FlashSystem 5100 can be clustered with a Storwize V5100 system.

All FlashSystem 5100 functional capabilities are provided through IBM Spectrum Virtualize Software.

Key requirements

FlashSystem 5100, formerly Storwize V5100, requires IBM Spectrum Virtualize licensed machine code level 8.2.1, or later.

The 4.8 TB, 9.6 TB, and 19.2 TB FlashCore Modules require IBM Spectrum Virtualize Software V8.2.1.6, V8.3.0.1, or later, for operation.

The 38.4 TB FlashCore Module requires IBM Spectrum Virtualize Software V8.3.1, or later, for operation.

The 350 GB, 750 GB, 800 GB, and 1.6 TB Storage Class Memory drives require IBM Spectrum Virtualize Software V8.3.1, or later, for operation.

See FlashSystem 5100, formerly Storwize V5100, product documentation and the [IBM Support site](#) for additional information about licensed machine code levels and other requirements.

For a comprehensive list of supported environments, devices, and configurations, go to the [IBM System Storage™ Interoperation Center \(SSIC\)](#).

Planned availability date

- March 6, 2020: All IBM FlashSystem 5100 models and features, except as noted below
- March 20, 2020: TAA Compliance (feature number 0983)
- April 17, 2020: 32 Gb FC LW SFP Transceivers (feature number ACHV)

Description

IBM FlashSystem 5100, formerly Storwize V5100, is a virtualized, software-defined storage system comprised of hardware components and a requisite licensed software product, IBM Spectrum Virtualize Software. All functional capabilities for the FlashSystem 5100 system are provided through IBM Spectrum Virtualize software.

FlashSystem 5100 models 4H4 and UHB are designed to meet modern high-performance storage requirements, including ultra-low latency, cost-effectiveness, operational efficiency, and mission-critical reliability. It is built on a flash-optimized design, with an end-to-end NVMe strategy to bring extremely low latencies to organizations of all sizes.

IBM FlashSystem 5100 is an all-flash storage system that is also available in a hybrid flash configuration. These offerings, including expansion enclosures, are differentiated at the time of purchase by selecting either feature code "AHZD -- All Flash Indicator" or feature code "AHZE -- Hybrid Flash Indicator". An initial selection of feature code AHZD will determine that hybrid configurations will not be supported on the configured system.

The all-flash offering supports NVMe FlashCore Modules and industry-standard NVMe flash drives in the control enclosure.

The hybrid flash offering supports NVMe FlashCore Modules and industry-standard flash NVMe drives in the control enclosure, and also attaches to expansion enclosure models 12G, 24G, and 92G that support SAS flash drives and SAS HDD drives.

Continuing with the commitment to transform data value with a complete NVMe strategy, FlashSystem 5100 supports storage-class memory NVMe drives. These small capacity, ultra low latency drives can be used in conjunction with Easy Tier[®] to further improve the overall performance of your NVMe workloads, or as a stand alone flash storage tier with even higher performance. You can intermix storage-class memory drives with FlashCore Modules or industry-standard flash drives for improved performance.

IBM 2078 Model UHB is the FlashSystem 5100 hardware component to be utilized in the Storage Utility Offering space. It is physically and functionally identical to FlashSystem Model 4H4 with the exception of target configurations and variable capacity billing. The variable capacity billing uses IBM Storage Insights to monitor the system usage, enabling allocated storage usage above a base subscription rate to be billed per terabyte, per month. Allocated storage is identified as storage that is allocated to a specific host (and unusable to other hosts), whether data is written or not. For thin provisioning, the data that is actually written is considered used. For thick provisioning, total allocated volume space is considered used.

Existing machine type 2077 expansion enclosure models 12F, 24F, and 92F can be attached to the hybrid version of the FlashSystem 5100 offering, and models AFF and A9F can be attached to the all-flash version of the FlashSystem 5100 offering.

Existing machine type 2078 expansion enclosure models 12F, 24F, and 92F can be attached to the hybrid version of the FlashSystem 5100 offering, and models AFF and A9F can be attached to the all-flash version of the FlashSystem 5100 offering.

IBM Spectrum Virtualize for Public Cloud V8.3.1 is now orderable in both Passport Advantage[®] and in AAS. This enables all IBM FlashSystem storage to include IBM Spectrum Virtualize for Public Cloud with appliance orders as part of a complete hybrid cloud solution. In addition, users will be able to extend their current or new SAN Volume Controller licensed capacity to IBM Spectrum Virtualize for Public Cloud, enabling flexible hybrid multicloud deployments. Support for Amazon AWS allows for deployment of IBM Spectrum Virtualize for Public Cloud on supported AWS EC2 instances, deployed through the AWS Marketplace. Users can create secondary copies of their on-premises data in the public cloud for disaster recovery, workload mobility, or migration of data between on premises data centers and the public cloud. The software will be accompanied by several blueprint guides for complete application-aware hybrid cloud deployments.

FC and Ethernet connectivity with intermix flexibility

FlashSystem 5100 Model 4H4 includes eight 10 Gb Ethernet ports standard for iSCSI connectivity, two 1 Gb Ethernet ports for system management, and can be configured with one I/O adapter feature to provide up to eight 16 Gb or 32 Gb Fibre Channel ports with FC- NVMe support or up to four 25 Gb Ethernet ports with iSCSI and iSER (RoCE V2 and iWARP) support.

IBM FlashCore Modules and industry-standard NVMe drive options

FlashSystem 5100 Model 4H4 is designed to support FlashCore Modules, industry-standard flash drives, and an intermix of both.

FlashCore Modules integrate IBM MicroLatency[®] technology, advanced flash management, and reliability into a 2.5-inch SFF NVMe, with built-in performance-neutral hardware compression and encryption.

For improved flexibility, FlashSystem 5100 Model 4H4 also supports a variety of industry-standard self-encrypting NVMe flash drives.

Deployments requiring higher flexibility, scalability, density, and cost benefits of hard disk drives can take advantage of the hybrid version of the FlashSystem 5100 offering by using expansion enclosures.

The following 2.5-inch SFF NVMe FlashCore Modules are supported in FlashSystem 5100 4H4 and UHB control enclosures:

- 4.8 TB NVMe FlashCore Module
- 9.6 TB NVMe FlashCore Module
- 19.2 TB NVMe FlashCore Module
- 38.4 TB NVMe FlashCore Module

The following 2.5-inch SFF NVMe industry-standard drives are supported in FlashSystem 5100 4H4 and UHB control enclosures:

- 800 GB 3DWPD NVMe flash drive
- 1.92 TB NVMe flash drive
- 3.84 TB NVMe flash drive
- 7.68 TB NVMe flash drive
- 15.36 TB NVMe flash drive

The following 2.5-inch SFF NVMe storage-class memory industry-standard drives are supported in FlashSystem 5100 4H4 and UHB control enclosures:

- 375 GB NVMe storage-class memory drive
- 750 GB NVMe storage-class memory drive
- 800 GB NVMe storage-class memory drive
- 1.6 TB NVMe storage-class memory drive

All drives are dual-port and hot-swappable. Drives can be intermixed where applicable. Expansion enclosures can be intermixed behind the SFF control enclosure.

Storage-class memory drives can only be populated in drive bays 21-24.

Scalable configurations respond to growing capacity needs

A single FlashSystem model 4H4 or UHB control enclosure can support up to 20 FlashSystem 5100 expansion enclosures with a maximum of 760 drives per system. Expansion enclosures are designed to be dynamically added without downtime, helping to quickly and seamlessly respond to growing capacity demands.

With two-way system clustering, the size of the system can be increased to a maximum of 1,520 drives. See the [Limitations](#) section for scalability limits.

Further scalability can be achieved with virtualization of external storage. When FlashSystem 5100 virtualizes an external system, capacity in that external system inherits the functional richness and ease of use of FlashSystem 5100.

Designed for high availability

FlashSystem 5100 is designed to offer high system and data availability with the following features:

- Dual-active, intelligent node canisters with mirrored cache
- Dual-port drives with automatic drive failure detection and RAID rebuild with global hot spares
- Redundant hardware, including power supplies and fans
- Hot-swappable and customer replaceable components
- HyperSwap^(R)

- Automated path failover support for the data path between the server and the drives

Encryption for enhanced data security

FlashSystem 5100 models 4H4 or UHB support encryption for data at rest. Encryption is performed by the FlashSystem 5100 control enclosure for data stored within the entire FlashSystem 5100 system (FlashSystem 5100 control enclosure and all attached FlashSystem 5100 expansion enclosures) and for data stored in externally virtualized storage subsystems.

Encryption is enabled on FlashSystem 5100 through the acquisition of the Encryption Enablement feature. This feature enables encryption on the entire FlashSystem 5100 system and externally virtualized storage subsystems.

The Encryption USB Flash Drives (Four Pack) feature or IBM Security Key Manager (SKLM) are required for encryption keys management.

Rich set of functional capabilities

IBM Spectrum Virtualize combines a variety of IBM technologies, including deduplication, compression, thin provisioning, SCSI Unmap, HyperSwap (high-availability solution), Easy Tier (automatic and dynamic data tiering), encryption of internal and external virtualized storage, FlashCopy^(R) (snapshot), and remote data replication. These technologies are designed to enable FlashSystem 5100 to offer a rich set of functional capabilities and deliver extraordinary levels of storage efficiency when used together.

FlashSystem 5100 functional capabilities are provided through IBM Spectrum Virtualize Software for FlashSystem 5100.

IBM Storage Insights

Available at no charge, cloud-based IBM Storage Insights provides a single dashboard that gives you a clear view of all your IBM block storage. You'll be able to make better decisions by seeing trends in performance and capacity. Storage health information enables you to focus on areas needing attention and when IBM support is needed, Storage Insights simplifies uploading logs, speeds resolution with online configuration data, and provides an overview of open tickets all in one place. Storage Insights Pro is a subscription service that provides longer historical views of data, more reporting and optimization options, and supports IBM file and block storage together with EMC VNX and VMAX.

There is no ordering required. For registration and installation information, see the [IBM Storage Insights Enrollment](#) website.

Accessibility by people with disabilities

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [IBM Accessibility Conformance Report Request](#) website.

Product number

The following are newly announced features and models on the specified models of the IBM System Storage 2077 and 2078 machine types:

Description	Machine type	Model	Feature
FlashSystem Expansion Bezel	2077	12F	ACZM
IBM FlashSystem 5100 LFF	2077	12G	

Description	Machine type	Model	Feature
Expansion Enclosure			
JEMT Indicator	2077	12G	0021
TAA Compliance	2077	12G	0983
Rack Indicator None	2077	12G	4650
Rack Indicator Rack 1	2077	12G	4651
Rack Indicator Rack 2	2077	12G	4652
Rack Indicator Rack 3	2077	12G	4653
Rack Indicator Rack 4	2077	12G	4654
Rack Indicator Rack 5	2077	12G	4655
Rack Indicator Rack 6	2077	12G	4656
Rack Indicator Rack 7	2077	12G	4657
Rack Indicator Rack 8	2077	12G	4658
Rack Indicator Rack 9	2077	12G	4659
Rack Indicator Rack 10	2077	12G	4660
Rack Indicator Rack 11	2077	12G	4661
Rack Indicator Rack 12	2077	12G	4662
Rack Indicator Rack 13	2077	12G	4663
Rack Indicator Rack 14	2077	12G	4664
Rack Indicator Rack 15	2077	12G	4665
Rack Indicator Rack 16	2077	12G	4666
Bulk Order Indicator	2077	12G	5555
Storage Subsystem ID 1	2077	12G	9170
Storage Subsystem ID 2	2077	12G	9171
Storage Subsystem ID 3	2077	12G	9172
Storage Subsystem ID 4	2077	12G	9173
Storage Subsystem ID 5	2077	12G	9174
Storage Subsystem ID 6	2077	12G	9175
Storage Subsystem ID 7	2077	12G	9176
Storage Subsystem ID 8	2077	12G	9177
Storage Subsystem ID 9	2077	12G	9178
Storage Subsystem ID 10	2077	12G	9179
Storage Subsystem ID 11	2077	12G	9180

Description	Machine type	Model	Feature
Storage Subsystem ID 12	2077	12G	9181
Storage Subsystem ID 13	2077	12G	9182
Storage Subsystem ID 14	2077	12G	9183
Storage Subsystem ID 15	2077	12G	9184
Storage Subsystem ID 16	2077	12G	9185
Storage Subsystem ID 17	2077	12G	9186
Storage Subsystem ID 18	2077	12G	9187
Storage Subsystem ID 19	2077	12G	9188
Storage Subsystem ID 20	2077	12G	9189
Month Indicator	2077	12G	9461
Day Indicator	2077	12G	9462
Hour Indicator	2077	12G	9463
Minute Indicator	2077	12G	9464
Quantity Indicator	2077	12G	9465
Countable Member Indicator	2077	12G	9466
Power Cord - EMEA	2077	12G	9716
Power Cord - Australia / New Zealand	2077	12G	9717
Power Cord - Europe / Africa	2077	12G	9718
Power Cord - Denmark	2077	12G	9719
Power Cord - South Africa	2077	12G	9720
Power Cord - Switzerland	2077	12G	9721
Power Cord - Chile / Italy	2077	12G	9722
Power Cord - Israel	2077	12G	9723
Power Cord - Argentina	2077	12G	9725
Power Cord - China	2077	12G	9726
Power Cord - PDU Connection	2077	12G	9730
Power Cord - US/ Group 1	2077	12G	9731
Power Cord - Taiwan	2077	12G	9732
Power Cord - Brazil	2077	12G	9733
Power Cord - India	2077	12G	9734
Power Cord - Japan	2077	12G	9735
Power Cord - Korea	2077	12G	9736
Power Cord - Chicago	2077	12G	9737

Description	Machine type	Model	Feature
RFID AG/AP: 902-928 MHz	2077	12G	A2EV
RFID EMEA: 865.6-867.8 MHz	2077	12G	A2EW
900GB 10K 3.5 Inch HDD	2077	12G	AC27
1.2TB 10K 3.5 Inch HDD	2077	12G	AC28
1.8TB 10K 3.5 Inch HDD	2077	12G	AC29
2.4TB 10K 3.5 Inch HDD	2077	12G	AC2A
4TB 7.2K 3.5 Inch NL HDD	2077	12G	AC39
6TB 7.2K 3.5 Inch NL HDD	2077	12G	AC3A
8TB 7.2K 3.5 Inch NL HDD	2077	12G	AC3B
10TB 7.2K 3.5 Inch NL HDD	2077	12G	AC3C
12TB 7.2K 3.5 Inch NL HDD	2077	12G	AC3D
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	2077	12G	AC3E
0.6m 12 Gb SAS Cable (mSAS HD)	2077	12G	ACUA
1.5m 12 Gb SAS Cable (mSAS HD)	2077	12G	ACUB
3m 12 Gb SAS Cable (mSAS HD)	2077	12G	ACUC
PurePOWER 12 Gb SAS Cable	2077	12G	ACUE
OEM 1 FC Order Indicator	2077	12G	ACW1
OEM 2 FC Order Indicator	2077	12G	ACW2
OEM 3 FC Order Indicator	2077	12G	ACW3
OEM 4 FC Order Indicator	2077	12G	ACW4
OEM 5 FC Order Indicator	2077	12G	ACW5
OEM 6 FC Order Indicator	2077	12G	ACW6
OEM 7 FC Order Indicator	2077	12G	ACW7
OEM 8 FC Order Indicator	2077	12G	ACW8
OEM 9 FC Order Indicator	2077	12G	ACW9
OEM 10 FC Order Indicator	2077	12G	ACWA
OEM 11 FC Order Indicator	2077	12G	ACWB
OEM 12 FC Order Indicator	2077	12G	ACWC
OEM 13 FC Order Indicator	2077	12G	ACWD
OEM 14 FC Order Indicator	2077	12G	ACWE
OEM 15 FC Order Indicator	2077	12G	ACWF

Description	Machine type	Model	Feature
OEM 1 MTM Order Indicator	2077	12G	ACY1
OEM 2 MTM Order Indicator	2077	12G	ACY2
OEM 3 MTM Order Indicator	2077	12G	ACY3
OEM 4 MTM Order Indicator	2077	12G	ACY4
OEM 5 MTM Order Indicator	2077	12G	ACY5
OEM 6 MTM Order Indicator	2077	12G	ACY6
OEM 7 MTM Order Indicator	2077	12G	ACY7
OEM 8 MTM Order Indicator	2077	12G	ACY8
OEM 9 MTM Order Indicator	2077	12G	ACY9
OEM 10 MTM Order Indicator	2077	12G	ACYA
OEM 11 MTM Order Indicator	2077	12G	ACYB
OEM 12 MTM Order Indicator	2077	12G	ACYC
OEM 13 MTM Order Indicator	2077	12G	ACYD
OEM 14 MTM Order Indicator	2077	12G	ACYE
OEM 15 MTM Order Indicator	2077	12G	ACYF
Generic Bezel	2077	12G	ACZA
Generic Packaging	2077	12G	ACZF
Storwize Expansion Bezel	2077	12G	ACZK
Order Type 1 Indicator - CTO	2077	12G	ADN1
Order Type 2 Indicator - MTM Only	2077	12G	ADN2
Order Type 3 Indicator - FC Only	2077	12G	ADN3
Shipping and Handling NC	2077	12G	AG00
Shipping and Handling FS5100	2077	12G	AGC8
Power Cord - DC	2077	12G	AHP4
Power Cord - PDU C20	2077	12G	AHP6
AC Power Supply HE	2077	12G	AHPA
DC Power Supply -48V	2077	12G	AHPB
20A Circuit Breaker	2077	12G	AHPC
Future use - reserved 1	2077	12G	AHY1
Future use - reserved 2	2077	12G	AHY2
Future use - reserved 3	2077	12G	AHY3
Future use - reserved 4	2077	12G	AHY4

Description	Machine type	Model	Feature
Future use - reserved 5	2077	12G	AHY5
Future use - reserved 6	2077	12G	AHY6
Future use - reserved 7	2077	12G	AHY7
Future use - reserved 8	2077	12G	AHY8
Future use - reserved 9	2077	12G	AHY9
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2077	12G	ECSM
Route to Power Manufacturing Indicator	2077	12G	EFD0
FlashSystem Expansion Bezel	2077	24F	ACZM
IBM FlashSystem 5100 SFF Expansion Enclosure	2077	24G	
JEMT Indicator	2077	24G	0021
TAA Compliance	2077	24G	0983
Rack Indicator None	2077	24G	4650
Rack Indicator Rack 1	2077	24G	4651
Rack Indicator Rack 2	2077	24G	4652
Rack Indicator Rack 3	2077	24G	4653
Rack Indicator Rack 4	2077	24G	4654
Rack Indicator Rack 5	2077	24G	4655
Rack Indicator Rack 6	2077	24G	4656
Rack Indicator Rack 7	2077	24G	4657
Rack Indicator Rack 8	2077	24G	4658
Rack Indicator Rack 9	2077	24G	4659
Rack Indicator Rack 10	2077	24G	4660
Rack Indicator Rack 11	2077	24G	4661
Rack Indicator Rack 12	2077	24G	4662
Rack Indicator Rack 13	2077	24G	4663
Rack Indicator Rack 14	2077	24G	4664
Rack Indicator Rack 15	2077	24G	4665
Rack Indicator Rack 16	2077	24G	4666
Bulk Order Indicator	2077	24G	5555
Storage Subsystem ID 1	2077	24G	9170

Description	Machine type	Model	Feature
Storage Subsystem ID 2	2077	24G	9171
Storage Subsystem ID 3	2077	24G	9172
Storage Subsystem ID 4	2077	24G	9173
Storage Subsystem ID 5	2077	24G	9174
Storage Subsystem ID 6	2077	24G	9175
Storage Subsystem ID 7	2077	24G	9176
Storage Subsystem ID 8	2077	24G	9177
Storage Subsystem ID 9	2077	24G	9178
Storage Subsystem ID 10	2077	24G	9179
Storage Subsystem ID 11	2077	24G	9180
Storage Subsystem ID 12	2077	24G	9181
Storage Subsystem ID 13	2077	24G	9182
Storage Subsystem ID 14	2077	24G	9183
Storage Subsystem ID 15	2077	24G	9184
Storage Subsystem ID 16	2077	24G	9185
Storage Subsystem ID 17	2077	24G	9186
Storage Subsystem ID 18	2077	24G	9187
Storage Subsystem ID 19	2077	24G	9188
Storage Subsystem ID 20	2077	24G	9189
Month Indicator	2077	24G	9461
Day Indicator	2077	24G	9462
Hour Indicator	2077	24G	9463
Minute Indicator	2077	24G	9464
Quantity Indicator	2077	24G	9465
Countable Member Indicator	2077	24G	9466
Power Cord - EMEA	2077	24G	9716
Power Cord - Australia / New Zealand	2077	24G	9717
Power Cord - Europe / Africa	2077	24G	9718
Power Cord - Denmark	2077	24G	9719
Power Cord - South Africa	2077	24G	9720
Power Cord - Switzerland	2077	24G	9721
Power Cord - Chile / Italy	2077	24G	9722
Power Cord - Israel	2077	24G	9723

Description	Machine type	Model	Feature
Power Cord - Argentina	2077	24G	9725
Power Cord - China	2077	24G	9726
Power Cord - PDU Connection	2077	24G	9730
Power Cord - US/ Group 1	2077	24G	9731
Power Cord - Taiwan	2077	24G	9732
Power Cord - Brazil	2077	24G	9733
Power Cord - India	2077	24G	9734
Power Cord - Japan	2077	24G	9735
Power Cord - Korea	2077	24G	9736
Power Cord - Chicago	2077	24G	9737
RFID AG/AP: 902-928 MHz	2077	24G	A2EV
RFID EMEA: 865.6-867.8 MHz	2077	24G	A2EW
900GB 10K 2.5 Inch HDD	2077	24G	AC68
1.2TB 10K 2.5 Inch HDD	2077	24G	AC69
1.8TB 10K 2.5 Inch HDD	2077	24G	AC6A
2.4TB 10K 2.5 Inch HDD	2077	24G	AC6B
2TB 7.2K 2.5 Inch NL HDD	2077	24G	AC76
400GB 2.5 Inch Flash Drive	2077	24G	AC8C
800GB 2.5 Inch Flash Drive	2077	24G	AC8D
1.6TB 2.5 Inch Flash Drive	2077	24G	AC8E
3.2TB 2.5 Inch Flash Drive	2077	24G	AC8F
800 GB 3DWPD 2.5 Inch Flash Drive	2077	24G	AC8J
1.92TB 2.5 Inch Flash Drive	2077	24G	ACM0
3.84TB 2.5 Inch Flash Drive	2077	24G	ACM1
7.68TB 2.5Inch Flash Drive	2077	24G	ACM2
15.36TB 2.5Inch Flash Drive	2077	24G	ACM3
30.72TB 2.5 Inch Flash Drive	2077	24G	ACM4
0.6m 12 Gb SAS Cable (mSAS HD)	2077	24G	ACUA
1.5m 12 Gb SAS Cable (mSAS HD)	2077	24G	ACUB
3m 12 Gb SAS Cable (mSAS HD)	2077	24G	ACUC
PurePOWER 12 Gb SAS Cable	2077	24G	ACUE

Description	Machine type	Model	Feature
OEM 1 FC Order Indicator	2077	24G	ACW1
OEM 2 FC Order Indicator	2077	24G	ACW2
OEM 3 FC Order Indicator	2077	24G	ACW3
OEM 4 FC Order Indicator	2077	24G	ACW4
OEM 5 FC Order Indicator	2077	24G	ACW5
OEM 6 FC Order Indicator	2077	24G	ACW6
OEM 7 FC Order Indicator	2077	24G	ACW7
OEM 8 FC Order Indicator	2077	24G	ACW8
OEM 9 FC Order Indicator	2077	24G	ACW9
OEM 10 FC Order Indicator	2077	24G	ACWA
OEM 11 FC Order Indicator	2077	24G	ACWB
OEM 12 FC Order Indicator	2077	24G	ACWC
OEM 13 FC Order Indicator	2077	24G	ACWD
OEM 14 FC Order Indicator	2077	24G	ACWE
OEM 15 FC Order Indicator	2077	24G	ACWF
OEM 1 MTM Order Indicator	2077	24G	ACY1
OEM 2 MTM Order Indicator	2077	24G	ACY2
OEM 3 MTM Order Indicator	2077	24G	ACY3
OEM 4 MTM Order Indicator	2077	24G	ACY4
OEM 5 MTM Order Indicator	2077	24G	ACY5
OEM 6 MTM Order Indicator	2077	24G	ACY6
OEM 7 MTM Order Indicator	2077	24G	ACY7
OEM 8 MTM Order Indicator	2077	24G	ACY8
OEM 9 MTM Order Indicator	2077	24G	ACY9
OEM 10 MTM Order Indicator	2077	24G	ACYA
OEM 11 MTM Order Indicator	2077	24G	ACYB
OEM 12 MTM Order Indicator	2077	24G	ACYC
OEM 13 MTM Order Indicator	2077	24G	ACYD
OEM 14 MTM Order Indicator	2077	24G	ACYE
OEM 15 MTM Order Indicator	2077	24G	ACYF
Generic Bezel	2077	24G	ACZA
Generic Packaging	2077	24G	ACZF

Description	Machine type	Model	Feature
Storwize Expansion Bezel	2077	24G	ACZK
Order Type 1 Indicator - CTO	2077	24G	ADN1
Order Type 2 Indicator - MTM Only	2077	24G	ADN2
Order Type 3 Indicator - FC Only	2077	24G	ADN3
Shipping and Handling NC	2077	24G	AG00
Shipping and Handling FS5100	2077	24G	AGC8
Power Cord - DC	2077	24G	AHP4
Power Cord - PDU C20	2077	24G	AHP6
AC Power Supply HE	2077	24G	AHPA
DC Power Supply -48V	2077	24G	AHPB
20A Circuit Breaker	2077	24G	AHPC
Future use - reserved 1	2077	24G	AHY1
Future use - reserved 2	2077	24G	AHY2
Future use - reserved 3	2077	24G	AHY3
Future use - reserved 4	2077	24G	AHY4
Future use - reserved 5	2077	24G	AHY5
Future use - reserved 6	2077	24G	AHY6
Future use - reserved 7	2077	24G	AHY7
Future use - reserved 8	2077	24G	AHY8
Future use - reserved 9	2077	24G	AHY9
VersaStack Solution Indicator	2077	24G	AHZC
All Flash Solution Indicator	2077	24G	AHZD
Hybrid Flash Indicator	2077	24G	AHZE
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2077	24G	ECSM
Route to Power Manufacturing Indicator	2077	24G	EFD0
32 Gb FC LW SFP Transceivers (Pair)	2077	424	ACHV
4.8 TB NVMe FlashCore Module	2077	424	AES5
9.6 TB NVMe FlashCore Module	2077	424	AES6
19.2 TB NVMe FlashCore Module	2077	424	AES7
38.4 TB NVMe FlashCore Module	2077	424	AES8

Description	Machine type	Model	Feature
375 GB NVMe Storage Class Memory Drive	2077	424	AETA
750 GB NVMe Storage Class Memory Drive	2077	424	AETB
800 GB NVMe Storage Class Memory Drive	2077	424	AETE
1.6 TB NVMe Storage Class Memory Drive	2077	424	AETF
Future use - reserved 1	2077	424	AHY1
Future use - reserved 2	2077	424	AHY2
Future use - reserved 3	2077	424	AHY3
Future use - reserved 4	2077	424	AHY4
Future use - reserved 5	2077	424	AHY5
Future use - reserved 6	2077	424	AHY6
Future use - reserved 7	2077	424	AHY7
Future use - reserved 8	2077	424	AHY8
Future use - reserved 9	2077	424	AHY9
Red Hat ^(R) OpenShift ^(R) Indicator	2077	424	AJGH
IBM FlashSystem 5100 NVMe Control Enclosure	2077	4H4	
JEMT Indicator	2077	4H4	0021
TAA Compliance	2077	4H4	0983
Rack Indicator None	2077	4H4	4650
Rack Indicator Rack 1	2077	4H4	4651
Rack Indicator Rack 2	2077	4H4	4652
Rack Indicator Rack 3	2077	4H4	4653
Rack Indicator Rack 4	2077	4H4	4654
Rack Indicator Rack 5	2077	4H4	4655
Rack Indicator Rack 6	2077	4H4	4656
Rack Indicator Rack 7	2077	4H4	4657
Rack Indicator Rack 8	2077	4H4	4658
Rack Indicator Rack 9	2077	4H4	4659
Rack Indicator Rack 10	2077	4H4	4660
Rack Indicator Rack 11	2077	4H4	4661

Description	Machine type	Model	Feature
Rack Indicator Rack 12	2077	4H4	4662
Rack Indicator Rack 13	2077	4H4	4663
Rack Indicator Rack 14	2077	4H4	4664
Rack Indicator Rack 15	2077	4H4	4665
Rack Indicator Rack 16	2077	4H4	4666
Bulk Order Indicator	2077	4H4	5555
Storage Subsystem ID 1	2077	4H4	9170
Storage Subsystem ID 2	2077	4H4	9171
Storage Subsystem ID 3	2077	4H4	9172
Storage Subsystem ID 4	2077	4H4	9173
Storage Subsystem ID 5	2077	4H4	9174
Storage Subsystem ID 6	2077	4H4	9175
Storage Subsystem ID 7	2077	4H4	9176
Storage Subsystem ID 8	2077	4H4	9177
Storage Subsystem ID 9	2077	4H4	9178
Storage Subsystem ID 10	2077	4H4	9179
Storage Subsystem ID 11	2077	4H4	9180
Storage Subsystem ID 12	2077	4H4	9181
Storage Subsystem ID 13	2077	4H4	9182
Storage Subsystem ID 14	2077	4H4	9183
Storage Subsystem ID 15	2077	4H4	9184
Storage Subsystem ID 16	2077	4H4	9185
Storage Subsystem ID 17	2077	4H4	9186
Storage Subsystem ID 18	2077	4H4	9187
Storage Subsystem ID 19	2077	4H4	9188
Storage Subsystem ID 20	2077	4H4	9189
Month Indicator	2077	4H4	9461
Day Indicator	2077	4H4	9462
Hour Indicator	2077	4H4	9463
Minute Indicator	2077	4H4	9464
Quantity Indicator	2077	4H4	9465
Countable Member Indicator	2077	4H4	9466
Power Cord - EMEA	2077	4H4	9716

Description	Machine type	Model	Feature
Power Cord - Australia / New Zealand	2077	4H4	9717
Power Cord - Europe / Africa	2077	4H4	9718
Power Cord - Denmark	2077	4H4	9719
Power Cord - South Africa	2077	4H4	9720
Power Cord - Switzerland	2077	4H4	9721
Power Cord - Chile / Italy	2077	4H4	9722
Power Cord - Israel	2077	4H4	9723
Power Cord - Argentina	2077	4H4	9725
Power Cord - China	2077	4H4	9726
Power Cord - PDU Connection	2077	4H4	9730
Power Cord - Brazil	2077	4H4	9733
Power Cord - India	2077	4H4	9734
Power Cord - Korea	2077	4H4	9736
RFID AG/AP: 902-928 MHz	2077	4H4	A2EV
RFID EMEA: 865.6-867.8 MHz	2077	4H4	A2EW
32Gb FC Adapter Pair	2077	4H4	ACB9
SAS Enclosure Attach Card Pair	2077	4H4	ACBA
16Gb FC Adapter Pair	2077	4H4	ACBB
25GbE (RoCE) Adapter Pair	2077	4H4	ACBE
25GbE (iWARP) Adapter Pair	2077	4H4	ACBF
Encryption Enablement	2077	4H4	ACE3
Encryption USB Drive Pack	2077	4H4	ACEC
FS5100 64 GB Cache upgrade	2077	4H4	ACGE
FS5100 384 GB Cache upgrade	2077	4H4	ACGF
120 GB M.2 Boot drive Pair	2077	4H4	ACGX
Manufacturing Indicator #2	2077	4H4	ACGZ
16 Gb FC LW SFP Transceivers(Pair)	2077	4H4	ACHU
32 Gb FC LW SFP Transceivers (Pair)	2077	4H4	ACHV
1m OM3 Fiber Cable (LC)	2077	4H4	ACSQ
5m OM3 Fiber Cable (LC)	2077	4H4	ACSR
10m OM3 Fiber Cable (LC)	2077	4H4	ACSS

Description	Machine type	Model	Feature
25m OM3 Fiber Cable (LC)	2077	4H4	ACST
OEM 1 FC Order Indicator	2077	4H4	ACW1
OEM 2 FC Order Indicator	2077	4H4	ACW2
OEM 3 FC Order Indicator	2077	4H4	ACW3
OEM 4 FC Order Indicator	2077	4H4	ACW4
OEM 5 FC Order Indicator	2077	4H4	ACW5
OEM 6 FC Order Indicator	2077	4H4	ACW6
OEM 7 FC Order Indicator	2077	4H4	ACW7
OEM 8 FC Order Indicator	2077	4H4	ACW8
OEM 9 FC Order Indicator	2077	4H4	ACW9
OEM 10 FC Order Indicator	2077	4H4	ACWA
OEM 11 FC Order Indicator	2077	4H4	ACWB
OEM 12 FC Order Indicator	2077	4H4	ACWC
OEM 13 FC Order Indicator	2077	4H4	ACWD
OEM 14 FC Order Indicator	2077	4H4	ACWE
OEM 15 FC Order Indicator	2077	4H4	ACWF
OEM 1 MTM Order Indicator	2077	4H4	ACY1
OEM 2 MTM Order Indicator	2077	4H4	ACY2
OEM 3 MTM Order Indicator	2077	4H4	ACY3
OEM 4 MTM Order Indicator	2077	4H4	ACY4
OEM 5 MTM Order Indicator	2077	4H4	ACY5
OEM 6 MTM Order Indicator	2077	4H4	ACY6
OEM 7 MTM Order Indicator	2077	4H4	ACY7
OEM 8 MTM Order Indicator	2077	4H4	ACY8
OEM 9 MTM Order Indicator	2077	4H4	ACY9
OEM 10 MTM Order Indicator	2077	4H4	ACYA
OEM 11 MTM Order Indicator	2077	4H4	ACYB
OEM 12 MTM Order Indicator	2077	4H4	ACYC
OEM 13 MTM Order Indicator	2077	4H4	ACYD
OEM 14 MTM Order Indicator	2077	4H4	ACYE
OEM 15 MTM Order Indicator	2077	4H4	ACYF

Description	Machine type	Model	Feature
Generic Bezel	2077	4H4	ACZA
Generic Packaging	2077	4H4	ACZF
Order Type 1 Indicator - CTO	2077	4H4	ADN1
Order Type 2 Indicator - MTM Only	2077	4H4	ADN2
Order Type 3 Indicator - FC Only	2077	4H4	ADN3
4.8 TB 2.5 Inch NVMe Flash Core Module	2077	4H4	AES1
9.6 TB 2.5 Inch NVMe Flash Core Module	2077	4H4	AES2
19.2 TB 2.5 Inch NVMe Flash Core Module	2077	4H4	AES3
4.8 TB NVMe FlashCore Module	2077	4H4	AES5
9.6 TB NVMe FlashCore Module	2077	4H4	AES6
19.2 TB NVMe FlashCore Module	2077	4H4	AES7
38.4 TB NVMe FlashCore Module	2077	4H4	AES8
800 GB 2.5 Inch NVMe Flash Drive	2077	4H4	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET5
375 GB NVMe Storage Class Memory Drive	2077	4H4	AETA
750 GB NVMe Storage Class Memory Drive	2077	4H4	AETB
800 GB NVMe Storage Class Memory Drive	2077	4H4	AETE
1.6 TB NVMe Storage Class Memory Drive	2077	4H4	AETF
Shipping and Handling NC	2077	4H4	AG00
Shipping and Handling FS5100	2077	4H4	AGC8
Power Cord - PDU C20	2077	4H4	AHP6
Future use - reserved 1	2077	4H4	AHY1
Future use - reserved 2	2077	4H4	AHY2
Future use - reserved 3	2077	4H4	AHY3
Future use - reserved 4	2077	4H4	AHY4

Description	Machine type	Model	Feature
Future use - reserved 5	2077	4H4	AHY5
Future use - reserved 6	2077	4H4	AHY6
Future use - reserved 7	2077	4H4	AHY7
Future use - reserved 8	2077	4H4	AHY8
Future use - reserved 9	2077	4H4	AHY9
VersaStack Solution Indicator	2077	4H4	AHZC
All Flash Solution Indicator	2077	4H4	AHZD
Hybrid Flash Indicator	2077	4H4	AHZE
Red Hat OpenShift Indicator	2077	4H4	AJGH
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2077	4H4	ECSM
Route to Power Manufacturing Indicator	2077	4H4	EFD0
FlashSystem Expansion Bezel	2077	92F	ACZM
IBM FlashSystem 5100 High Density Expansion	2077	92G	
JEMT Indicator	2077	92G	0021
TAA Compliance	2077	92G	0983
Rack Indicator None	2077	92G	4650
Rack Indicator Rack 1	2077	92G	4651
Rack Indicator Rack 2	2077	92G	4652
Rack Indicator Rack 3	2077	92G	4653
Rack Indicator Rack 4	2077	92G	4654
Rack Indicator Rack 5	2077	92G	4655
Rack Indicator Rack 6	2077	92G	4656
Rack Indicator Rack 7	2077	92G	4657
Rack Indicator Rack 8	2077	92G	4658
Rack Indicator Rack 9	2077	92G	4659
Rack Indicator Rack 10	2077	92G	4660
Rack Indicator Rack 11	2077	92G	4661
Rack Indicator Rack 12	2077	92G	4662
Rack Indicator Rack 13	2077	92G	4663
Rack Indicator Rack 14	2077	92G	4664

Description	Machine type	Model	Feature
Rack Indicator Rack 15	2077	92G	4665
Rack Indicator Rack 16	2077	92G	4666
Bulk Order Indicator	2077	92G	5555
Storage Subsystem ID 1	2077	92G	9170
Storage Subsystem ID 2	2077	92G	9171
Storage Subsystem ID 3	2077	92G	9172
Storage Subsystem ID 4	2077	92G	9173
Storage Subsystem ID 5	2077	92G	9174
Storage Subsystem ID 6	2077	92G	9175
Storage Subsystem ID 7	2077	92G	9176
Storage Subsystem ID 8	2077	92G	9177
Storage Subsystem ID 9	2077	92G	9178
Storage Subsystem ID 10	2077	92G	9179
Storage Subsystem ID 11	2077	92G	9180
Storage Subsystem ID 12	2077	92G	9181
Storage Subsystem ID 13	2077	92G	9182
Storage Subsystem ID 14	2077	92G	9183
Storage Subsystem ID 15	2077	92G	9184
Storage Subsystem ID 16	2077	92G	9185
Storage Subsystem ID 17	2077	92G	9186
Storage Subsystem ID 18	2077	92G	9187
Storage Subsystem ID 19	2077	92G	9188
Storage Subsystem ID 20	2077	92G	9189
Month Indicator	2077	92G	9461
Day Indicator	2077	92G	9462
Hour Indicator	2077	92G	9463
Minute Indicator	2077	92G	9464
Quantity Indicator	2077	92G	9465
Countable Member Indicator	2077	92G	9466
RFID AG/AP: 902-928 MHz	2077	92G	A2EV
RFID EMEA: 865.6-867.8 MHz	2077	92G	A2EW
600GB 15K 3.5 Inch HDD	2077	92G	ACP0
900GB 15K 3.5 Inch HDD	2077	92G	ACP1

Description	Machine type	Model	Feature
1.2TB 10K 3.5 Inch HDD	2077	92G	ACP3
1.8TB 10K 3.5 Inch HDD	2077	92G	ACP4
2.4TB 10K 3.5 Inch HDD	2077	92G	ACP5
6TB 7.2K 3.5 Inch NL HDD	2077	92G	ACP7
8TB 7.2K 3.5 Inch NL HDD	2077	92G	ACP8
10TB 7.2K 3.5 Inch NL HDD	2077	92G	ACP9
12TB 7.2K 3.5 Inch NL HDD	2077	92G	ACPA
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	2077	92G	ACPB
1.6TB 3.5 Inch Flash Drive	2077	92G	ACPD
3.2TB 3.5 Inch Flash Drive	2077	92G	ACPE
1.92TB 3.5 Inch Flash Drive	2077	92G	ACPJ
3.84TB 3.5 Inch Flash Drive	2077	92G	ACPK
7.68TB 3.5 Inch Flash Drive	2077	92G	ACPL
15.36TB 3.5 Inch Flash Drive	2077	92G	ACPM
30.72 TB 3.5 Inch Flash Drive	2077	92G	ACPN
3m 12 Gb SAS Cable (mSAS HD)	2077	92G	ACUC
PurePOWER 12 Gb SAS Cable	2077	92G	ACUE
OEM 1 FC Order Indicator	2077	92G	ACW1
OEM 2 FC Order Indicator	2077	92G	ACW2
OEM 3 FC Order Indicator	2077	92G	ACW3
OEM 4 FC Order Indicator	2077	92G	ACW4
OEM 5 FC Order Indicator	2077	92G	ACW5
OEM 6 FC Order Indicator	2077	92G	ACW6
OEM 7 FC Order Indicator	2077	92G	ACW7
OEM 8 FC Order Indicator	2077	92G	ACW8
OEM 9 FC Order Indicator	2077	92G	ACW9
OEM 10 FC Order Indicator	2077	92G	ACWA
OEM 11 FC Order Indicator	2077	92G	ACWB
OEM 12 FC Order Indicator	2077	92G	ACWC
OEM 13 FC Order Indicator	2077	92G	ACWD
OEM 14 FC Order Indicator	2077	92G	ACWE

Description	Machine type	Model	Feature
OEM 15 FC Order Indicator	2077	92G	ACWF
OEM 1 MTM Order Indicator	2077	92G	ACY1
OEM 2 MTM Order Indicator	2077	92G	ACY2
OEM 3 MTM Order Indicator	2077	92G	ACY3
OEM 4 MTM Order Indicator	2077	92G	ACY4
OEM 5 MTM Order Indicator	2077	92G	ACY5
OEM 6 MTM Order Indicator	2077	92G	ACY6
OEM 7 MTM Order Indicator	2077	92G	ACY7
OEM 8 MTM Order Indicator	2077	92G	ACY8
OEM 9 MTM Order Indicator	2077	92G	ACY9
OEM 10 MTM Order Indicator	2077	92G	ACYA
OEM 11 MTM Order Indicator	2077	92G	ACYB
OEM 12 MTM Order Indicator	2077	92G	ACYC
OEM 13 MTM Order Indicator	2077	92G	ACYD
OEM 14 MTM Order Indicator	2077	92G	ACYE
OEM 15 MTM Order Indicator	2077	92G	ACYF
Generic Bezel	2077	92G	ACZA
Generic Packaging	2077	92G	ACZF
Storwize Expansion Bezel	2077	92G	ACZK
Order Type 1 Indicator - CTO	2077	92G	ADN1
Order Type 2 Indicator - MTM Only	2077	92G	ADN2
Order Type 3 Indicator - FC Only	2077	92G	ADN3
Shipping and Handling NC	2077	92G	AG00
Shipping and Handling FS5100	2077	92G	AGC8
Power Cord - PDU HD Exp.	2077	92G	AHP5
Future use - reserved 1	2077	92G	AHY1
Future use - reserved 2	2077	92G	AHY2
Future use - reserved 3	2077	92G	AHY3
Future use - reserved 4	2077	92G	AHY4
Future use - reserved 5	2077	92G	AHY5
Future use - reserved 6	2077	92G	AHY6

Description	Machine type	Model	Feature
Future use - reserved 7	2077	92G	AHY7
Future use - reserved 8	2077	92G	AHY8
Future use - reserved 9	2077	92G	AHY9
VersaStack Solution Indicator	2077	92G	AHZC
All Flash Solution Indicator	2077	92G	AHZD
Hybrid Flash Indicator	2077	92G	AHZE
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2077	92G	ECSM
Route to Power Manufacturing Indicator	2077	92G	EFD0
FlashSystem Expansion Bezel	2077	A9F	ACZM
32 Gb FC LW SFP Transceivers (Pair)	2077	AF4	ACHV
4.8 TB NVMe FlashCore Module	2077	AF4	AES5
9.6 TB NVMe FlashCore Module	2077	AF4	AES6
19.2 TB NVMe FlashCore Module	2077	AF4	AES7
38.4 TB NVMe FlashCore Module	2077	AF4	AES8
375 GB NVMe Storage Class Memory Drive	2077	AF4	AETA
750 GB NVMe Storage Class Memory Drive	2077	AF4	AETB
800 GB NVMe Storage Class Memory Drive	2077	AF4	AETE
1.6 TB NVMe Storage Class Memory Drive	2077	AF4	AETF
FlashSystem Expansion Bezel	2077	AFF	ACZM
FlashSystem Expansion Bezel	2078	12F	ACZM
IBM FlashSystem 5100 LFF Expansion Enclosure	2078	12G	
JEMT Indicator	2078	12G	0021
TAA Compliance	2078	12G	0983
Rack Indicator None	2078	12G	4650
Rack Indicator Rack 1	2078	12G	4651
Rack Indicator Rack 2	2078	12G	4652
Rack Indicator Rack 3	2078	12G	4653
Rack Indicator Rack 4	2078	12G	4654

Description	Machine type	Model	Feature
Rack Indicator Rack 5	2078	12G	4655
Rack Indicator Rack 6	2078	12G	4656
Rack Indicator Rack 7	2078	12G	4657
Rack Indicator Rack 8	2078	12G	4658
Rack Indicator Rack 9	2078	12G	4659
Rack Indicator Rack 10	2078	12G	4660
Rack Indicator Rack 11	2078	12G	4661
Rack Indicator Rack 12	2078	12G	4662
Rack Indicator Rack 13	2078	12G	4663
Rack Indicator Rack 14	2078	12G	4664
Rack Indicator Rack 15	2078	12G	4665
Rack Indicator Rack 16	2078	12G	4666
Bulk Order Indicator	2078	12G	5555
Storage Subsystem ID 1	2078	12G	9170
Storage Subsystem ID 2	2078	12G	9171
Storage Subsystem ID 3	2078	12G	9172
Storage Subsystem ID 4	2078	12G	9173
Storage Subsystem ID 5	2078	12G	9174
Storage Subsystem ID 6	2078	12G	9175
Storage Subsystem ID 7	2078	12G	9176
Storage Subsystem ID 8	2078	12G	9177
Storage Subsystem ID 9	2078	12G	9178
Storage Subsystem ID 10	2078	12G	9179
Storage Subsystem ID 11	2078	12G	9180
Storage Subsystem ID 12	2078	12G	9181
Storage Subsystem ID 13	2078	12G	9182
Storage Subsystem ID 14	2078	12G	9183
Storage Subsystem ID 15	2078	12G	9184
Storage Subsystem ID 16	2078	12G	9185
Storage Subsystem ID 17	2078	12G	9186
Storage Subsystem ID 18	2078	12G	9187

Description	Machine type	Model	Feature
Storage Subsystem ID 19	2078	12G	9188
Storage Subsystem ID 20	2078	12G	9189
Month Indicator	2078	12G	9461
Day Indicator	2078	12G	9462
Hour Indicator	2078	12G	9463
Minute Indicator	2078	12G	9464
Quantity Indicator	2078	12G	9465
Countable Member Indicator	2078	12G	9466
Power Cord - EMEA	2078	12G	9716
Power Cord - Australia / New Zealand	2078	12G	9717
Power Cord - Europe / Africa	2078	12G	9718
Power Cord - Denmark	2078	12G	9719
Power Cord - South Africa	2078	12G	9720
Power Cord - Switzerland	2078	12G	9721
Power Cord - Chile / Italy	2078	12G	9722
Power Cord - Israel	2078	12G	9723
Power Cord - Argentina	2078	12G	9725
Power Cord - China	2078	12G	9726
Power Cord - PDU Connection	2078	12G	9730
Power Cord - US/ Group 1	2078	12G	9731
Power Cord - Taiwan	2078	12G	9732
Power Cord - Brazil	2078	12G	9733
Power Cord - India	2078	12G	9734
Power Cord - Japan	2078	12G	9735
Power Cord - Korea	2078	12G	9736
Power Cord - Chicago	2078	12G	9737
RFID AG/AP: 902-928 MHz	2078	12G	A2EV
RFID EMEA: 865.6-867.8 MHz	2078	12G	A2EW
900GB 10K 3.5 Inch HDD	2078	12G	AC27
1.2TB 10K 3.5 Inch HDD	2078	12G	AC28
1.8TB 10K 3.5 Inch HDD	2078	12G	AC29
2.4TB 10K 3.5 Inch HDD	2078	12G	AC2A
4TB 7.2K 3.5 Inch NL HDD	2078	12G	AC39

Description	Machine type	Model	Feature
6TB 7.2K 3.5 Inch NL HDD	2078	12G	AC3A
8TB 7.2K 3.5 Inch NL HDD	2078	12G	AC3B
10TB 7.2K 3.5 Inch NL HDD	2078	12G	AC3C
12TB 7.2K 3.5 Inch NL HDD	2078	12G	AC3D
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	2078	12G	AC3E
0.6m 12 Gb SAS Cable (mSAS HD)	2078	12G	ACUA
1.5m 12 Gb SAS Cable (mSAS HD)	2078	12G	ACUB
3m 12 Gb SAS Cable (mSAS HD)	2078	12G	ACUC
PurePOWER 12 Gb SAS Cable	2078	12G	ACUE
OEM 1 FC Order Indicator	2078	12G	ACW1
OEM 2 FC Order Indicator	2078	12G	ACW2
OEM 3 FC Order Indicator	2078	12G	ACW3
OEM 4 FC Order Indicator	2078	12G	ACW4
OEM 5 FC Order Indicator	2078	12G	ACW5
OEM 6 FC Order Indicator	2078	12G	ACW6
OEM 7 FC Order Indicator	2078	12G	ACW7
OEM 8 FC Order Indicator	2078	12G	ACW8
OEM 9 FC Order Indicator	2078	12G	ACW9
OEM 10 FC Order Indicator	2078	12G	ACWA
OEM 11 FC Order Indicator	2078	12G	ACWB
OEM 12 FC Order Indicator	2078	12G	ACWC
OEM 13 FC Order Indicator	2078	12G	ACWD
OEM 14 FC Order Indicator	2078	12G	ACWE
OEM 15 FC Order Indicator	2078	12G	ACWF
OEM 1 MTM Order Indicator	2078	12G	ACY1
OEM 2 MTM Order Indicator	2078	12G	ACY2
OEM 3 MTM Order Indicator	2078	12G	ACY3
OEM 4 MTM Order Indicator	2078	12G	ACY4
OEM 5 MTM Order Indicator	2078	12G	ACY5
OEM 6 MTM Order Indicator	2078	12G	ACY6
OEM 7 MTM Order Indicator	2078	12G	ACY7

Description	Machine type	Model	Feature
OEM 8 MTM Order Indicator	2078	12G	ACY8
OEM 9 MTM Order Indicator	2078	12G	ACY9
OEM 10 MTM Order Indicator	2078	12G	ACYA
OEM 11 MTM Order Indicator	2078	12G	ACYB
OEM 12 MTM Order Indicator	2078	12G	ACYC
OEM 13 MTM Order Indicator	2078	12G	ACYD
OEM 14 MTM Order Indicator	2078	12G	ACYE
OEM 15 MTM Order Indicator	2078	12G	ACYF
Generic Bezel	2078	12G	ACZA
Generic Packaging	2078	12G	ACZF
Storwize Expansion Bezel	2078	12G	ACZK
Order Type 1 Indicator - CTO	2078	12G	ADN1
Order Type 2 Indicator - MTM Only	2078	12G	ADN2
Order Type 3 Indicator - FC Only	2078	12G	ADN3
Shipping and Handling NC	2078	12G	AG00
Shipping and Handling FS5100	2078	12G	AGC8
OEM Bulk Option AHL2	2078	12G	AHL2
OEM Bulk option AHLD	2078	12G	AHLD
OEM Bulk Option AHM2	2078	12G	AHM2
OEM Bulk Option AHMD	2078	12G	AHMD
Power Cord - DC	2078	12G	AHP4
Power Cord - PDU C20	2078	12G	AHP6
AC Power Supply HE	2078	12G	AHPA
DC Power Supply -48V	2078	12G	AHPB
20A Circuit Breaker	2078	12G	AHPC
Future use - reserved 1	2078	12G	AHY1
Future use - reserved 2	2078	12G	AHY2
Future use - reserved 3	2078	12G	AHY3
Future use - reserved 4	2078	12G	AHY4
Future use - reserved 5	2078	12G	AHY5
Future use - reserved 6	2078	12G	AHY6
Future use - reserved 7	2078	12G	AHY7

Description	Machine type	Model	Feature
Future use - reserved 8	2078	12G	AHY8
Future use - reserved 9	2078	12G	AHY9
Hybrid Flash Indicator	2078	12G	AHZE
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2078	12G	ECSM
Route to Power Manufacturing Indicator	2078	12G	EFD0
FlashSystem Expansion Bezel	2078	24F	ACZM
IBM FlashSystem 5100 SFF Expansion Enclosure	2078	24G	
JEMT Indicator	2078	24G	0021
TAA Compliance	2078	24G	0983
Rack Indicator None	2078	24G	4650
Rack Indicator Rack 1	2078	24G	4651
Rack Indicator Rack 2	2078	24G	4652
Rack Indicator Rack 3	2078	24G	4653
Rack Indicator Rack 4	2078	24G	4654
Rack Indicator Rack 5	2078	24G	4655
Rack Indicator Rack 6	2078	24G	4656
Rack Indicator Rack 7	2078	24G	4657
Rack Indicator Rack 8	2078	24G	4658
Rack Indicator Rack 9	2078	24G	4659
Rack Indicator Rack 10	2078	24G	4660
Rack Indicator Rack 11	2078	24G	4661
Rack Indicator Rack 12	2078	24G	4662
Rack Indicator Rack 13	2078	24G	4663
Rack Indicator Rack 14	2078	24G	4664
Rack Indicator Rack 15	2078	24G	4665
Rack Indicator Rack 16	2078	24G	4666
Bulk Order Indicator	2078	24G	5555
Storage Subsystem ID 1	2078	24G	9170
Storage Subsystem ID 2	2078	24G	9171
Storage Subsystem ID 3	2078	24G	9172

Description	Machine type	Model	Feature
Storage Subsystem ID 4	2078	24G	9173
Storage Subsystem ID 5	2078	24G	9174
Storage Subsystem ID 6	2078	24G	9175
Storage Subsystem ID 7	2078	24G	9176
Storage Subsystem ID 8	2078	24G	9177
Storage Subsystem ID 9	2078	24G	9178
Storage Subsystem ID 10	2078	24G	9179
Storage Subsystem ID 11	2078	24G	9180
Storage Subsystem ID 12	2078	24G	9181
Storage Subsystem ID 13	2078	24G	9182
Storage Subsystem ID 14	2078	24G	9183
Storage Subsystem ID 15	2078	24G	9184
Storage Subsystem ID 16	2078	24G	9185
Storage Subsystem ID 17	2078	24G	9186
Storage Subsystem ID 18	2078	24G	9187
Storage Subsystem ID 19	2078	24G	9188
Storage Subsystem ID 20	2078	24G	9189
Month Indicator	2078	24G	9461
Day Indicator	2078	24G	9462
Hour Indicator	2078	24G	9463
Minute Indicator	2078	24G	9464
Quantity Indicator	2078	24G	9465
Countable Member Indicator	2078	24G	9466
Power Cord - EMEA	2078	24G	9716
Power Cord - Australia / New Zealand	2078	24G	9717
Power Cord - Europe / Africa	2078	24G	9718
Power Cord - Denmark	2078	24G	9719
Power Cord - South Africa	2078	24G	9720
Power Cord - Switzerland	2078	24G	9721
Power Cord - Chile / Italy	2078	24G	9722
Power Cord - Israel	2078	24G	9723
Power Cord - Argentina	2078	24G	9725
Power Cord - China	2078	24G	9726

Description	Machine type	Model	Feature
Power Cord - PDU Connection	2078	24G	9730
Power Cord - US/ Group 1	2078	24G	9731
Power Cord - Taiwan	2078	24G	9732
Power Cord - Brazil	2078	24G	9733
Power Cord - India	2078	24G	9734
Power Cord - Japan	2078	24G	9735
Power Cord - Korea	2078	24G	9736
Power Cord - Chicago	2078	24G	9737
RFID AG/AP: 902-928 MHz	2078	24G	A2EV
RFID EMEA: 865.6-867.8 MHz	2078	24G	A2EW
900GB 10K 2.5 Inch HDD	2078	24G	AC68
1.2TB 10K 2.5 Inch HDD	2078	24G	AC69
1.8TB 10K 2.5 Inch HDD	2078	24G	AC6A
2.4TB 10K 2.5 Inch HDD	2078	24G	AC6B
2TB 7.2K 2.5 Inch NL HDD	2078	24G	AC76
400GB 2.5 Inch Flash Drive	2078	24G	AC9C
800GB 2.5 Inch Flash Drive	2078	24G	AC9D
1.6TB 2.5 Inch Flash Drive	2078	24G	AC9E
3.2TB 2.5 Inch Flash Drive	2078	24G	AC9F
800 GB 3DWPD 2.5 Inch Flash Drive	2078	24G	AC9J
1.92TB 2.5 Inch Flash Drive	2078	24G	ACN0
3.84TB 2.5 Inch Flash Drive	2078	24G	ACN1
7.68TB 2.5 Inch Flash Drive	2078	24G	ACN2
15.36TB 2.5Inch Flash Drive	2078	24G	ACN3
30.72 TB 2.5 Inch Flash Drive	2078	24G	ACN4
PurePOWER 12 Gb SAS Cable	2078	24G	ACUE
OEM Bulk Option 608	2078	24G	ACV2
OEM Bulk Option 609	2078	24G	ACV3
OEM 1 FC Order Indicator	2078	24G	ACW1
OEM 2 FC Order Indicator	2078	24G	ACW2
OEM 3 FC Order Indicator	2078	24G	ACW3

Description	Machine type	Model	Feature
OEM 4 FC Order Indicator	2078	24G	ACW4
OEM 5 FC Order Indicator	2078	24G	ACW5
OEM 6 FC Order Indicator	2078	24G	ACW6
OEM 7 FC Order Indicator	2078	24G	ACW7
OEM 8 FC Order Indicator	2078	24G	ACW8
OEM 9 FC Order Indicator	2078	24G	ACW9
OEM 10 FC Order Indicator	2078	24G	ACWA
OEM 11 FC Order Indicator	2078	24G	ACWB
OEM 12 FC Order Indicator	2078	24G	ACWC
OEM 13 FC Order Indicator	2078	24G	ACWD
OEM 14 FC Order Indicator	2078	24G	ACWE
OEM 15 FC Order Indicator	2078	24G	ACWF
OEM Bulk Option 601	2078	24G	ACXF
OEM Bulk Option 602	2078	24G	ACXG
OEM Bulk Option 603	2078	24G	ACXH
OEM Bulk Option 604	2078	24G	ACXJ
OEM 1 MTM Order Indicator	2078	24G	ACY1
OEM 2 MTM Order Indicator	2078	24G	ACY2
OEM 3 MTM Order Indicator	2078	24G	ACY3
OEM 4 MTM Order Indicator	2078	24G	ACY4
OEM 5 MTM Order Indicator	2078	24G	ACY5
OEM 6 MTM Order Indicator	2078	24G	ACY6
OEM 7 MTM Order Indicator	2078	24G	ACY7
OEM 8 MTM Order Indicator	2078	24G	ACY8
OEM 9 MTM Order Indicator	2078	24G	ACY9
OEM 10 MTM Order Indicator	2078	24G	ACYA
OEM 11 MTM Order Indicator	2078	24G	ACYB
OEM 12 MTM Order Indicator	2078	24G	ACYC
OEM 13 MTM Order Indicator	2078	24G	ACYD
OEM 14 MTM Order Indicator	2078	24G	ACYE
OEM 15 MTM Order Indicator	2078	24G	ACYF

Description	Machine type	Model	Feature
Generic Bezel	2078	24G	ACZA
Generic Packaging	2078	24G	ACZF
Storwize Expansion Bezel	2078	24G	ACZK
Order Type 1 Indicator - CTO	2078	24G	ADN1
Order Type 2 Indicator - MTM Only	2078	24G	ADN2
Order Type 3 Indicator - FC Only	2078	24G	ADN3
Shipping and Handling NC	2078	24G	AG00
Shipping and Handling FS5100	2078	24G	AGC8
OEM Bulk Option AHLE	2078	24G	AHLE
OEM Bulk Option AHLF	2078	24G	AHLF
OEM Bulk Option AHLJ	2078	24G	AHLJ
OEM Bulk Option AHME	2078	24G	AHME
OEM Bulk Option AHMF	2078	24G	AHMF
OEM Bulk Option AHMJ	2078	24G	AHMJ
Power Cord - DC	2078	24G	AHP4
Power Cord - PDU C20	2078	24G	AHP6
AC Power Supply HE	2078	24G	AHPA
DC Power Supply -48V	2078	24G	AHPB
20A Circuit Breaker	2078	24G	AHPC
Future use - reserved 1	2078	24G	AHY1
Future use - reserved 2	2078	24G	AHY2
Future use - reserved 3	2078	24G	AHY3
Future use - reserved 4	2078	24G	AHY4
Future use - reserved 5	2078	24G	AHY5
Future use - reserved 6	2078	24G	AHY6
Future use - reserved 7	2078	24G	AHY7
Future use - reserved 8	2078	24G	AHY8
Future use - reserved 9	2078	24G	AHY9
VersaStack Solution Indicator	2078	24G	AHZC
All Flash Solution Indicator	2078	24G	AHZD
Hybrid Flash Indicator	2078	24G	AHZE
CSC ORDER ROUTING	2078	24G	ECSM

Description	Machine type	Model	Feature
INDICATOR - GUADALAJARA			
Route to Power Manufacturing Indicator	2078	24G	EFD0
32 Gb FC LW SFP Transceivers (Pair)	2078	424	ACHV
4.8 TB NVMe FlashCore Module	2078	424	AES5
9.6 TB NVMe FlashCore Module	2078	424	AES6
19.2 TB NVMe FlashCore Module	2078	424	AES7
38.4 TB NVMe FlashCore Module	2078	424	AES8
375 GB NVMe Storage Class Memory Drive	2078	424	AETA
750 GB NVMe Storage Class Memory Drive	2078	424	AETB
800 GB NVMe Storage Class Memory Drive	2078	424	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	424	AETF
Future use - reserved 1	2078	424	AHY1
Future use - reserved 2	2078	424	AHY2
Future use - reserved 3	2078	424	AHY3
Future use - reserved 4	2078	424	AHY4
Future use - reserved 5	2078	424	AHY5
Future use - reserved 6	2078	424	AHY6
Future use - reserved 7	2078	424	AHY7
Future use - reserved 8	2078	424	AHY8
Future use - reserved 9	2078	424	AHY9
Red Hat OpenShift Indicator	2078	424	AJGH
IBM FlashSystem 5100 NVMe Control Enclosure	2078	4H4	
JEMT Indicator	2078	4H4	0021
TAA Compliance	2078	4H4	0983
Rack Indicator None	2078	4H4	4650
Rack Indicator Rack 1	2078	4H4	4651
Rack Indicator Rack 2	2078	4H4	4652
Rack Indicator Rack 3	2078	4H4	4653
Rack Indicator Rack 4	2078	4H4	4654

Description	Machine type	Model	Feature
Rack Indicator Rack 5	2078	4H4	4655
Rack Indicator Rack 6	2078	4H4	4656
Rack Indicator Rack 7	2078	4H4	4657
Rack Indicator Rack 8	2078	4H4	4658
Rack Indicator Rack 9	2078	4H4	4659
Rack Indicator Rack 10	2078	4H4	4660
Rack Indicator Rack 11	2078	4H4	4661
Rack Indicator Rack 12	2078	4H4	4662
Rack Indicator Rack 13	2078	4H4	4663
Rack Indicator Rack 14	2078	4H4	4664
Rack Indicator Rack 15	2078	4H4	4665
Rack Indicator Rack 16	2078	4H4	4666
Bulk Order Indicator	2078	4H4	5555
Storage Subsystem ID 1	2078	4H4	9170
Storage Subsystem ID 2	2078	4H4	9171
Storage Subsystem ID 3	2078	4H4	9172
Storage Subsystem ID 4	2078	4H4	9173
Storage Subsystem ID 5	2078	4H4	9174
Storage Subsystem ID 6	2078	4H4	9175
Storage Subsystem ID 7	2078	4H4	9176
Storage Subsystem ID 8	2078	4H4	9177
Storage Subsystem ID 9	2078	4H4	9178
Storage Subsystem ID 10	2078	4H4	9179
Storage Subsystem ID 11	2078	4H4	9180
Storage Subsystem ID 12	2078	4H4	9181
Storage Subsystem ID 13	2078	4H4	9182
Storage Subsystem ID 14	2078	4H4	9183
Storage Subsystem ID 15	2078	4H4	9184
Storage Subsystem ID 16	2078	4H4	9185
Storage Subsystem ID 17	2078	4H4	9186
Storage Subsystem ID 18	2078	4H4	9187

Description	Machine type	Model	Feature
Storage Subsystem ID 19	2078	4H4	9188
Storage Subsystem ID 20	2078	4H4	9189
Month Indicator	2078	4H4	9461
Day Indicator	2078	4H4	9462
Hour Indicator	2078	4H4	9463
Minute Indicator	2078	4H4	9464
Quantity Indicator	2078	4H4	9465
Countable Member Indicator	2078	4H4	9466
Power Cord - EMEA	2078	4H4	9716
Power Cord - Australia / New Zealand	2078	4H4	9717
Power Cord - Europe / Africa	2078	4H4	9718
Power Cord - Denmark	2078	4H4	9719
Power Cord - South Africa	2078	4H4	9720
Power Cord - Switzerland	2078	4H4	9721
Power Cord - Chile / Italy	2078	4H4	9722
Power Cord - Israel	2078	4H4	9723
Power Cord - Argentina	2078	4H4	9725
Power Cord - China	2078	4H4	9726
Power Cord - PDU Connection	2078	4H4	9730
Power Cord - Brazil	2078	4H4	9733
Power Cord - India	2078	4H4	9734
Power Cord - Korea	2078	4H4	9736
RFID AG/AP: 902-928 MHz	2078	4H4	A2EV
RFID EMEA: 865.6-867.8 MHz	2078	4H4	A2EW
32Gb FC Adapter Pair	2078	4H4	ACB9
SAS Enclosure Attach Card Pair	2078	4H4	ACBA
16Gb FC Adapter Pair	2078	4H4	ACBB
25GbE (RoCE) Adapter Pair	2078	4H4	ACBE
25GbE (iWARP) Adapter Pair	2078	4H4	ACBF
Encryption Enablement	2078	4H4	ACE4
Encryption USB Drive Pack	2078	4H4	ACEC
FS5100 64 GB Cache upgrade	2078	4H4	ACGE
FS5100 384 GB Cache upgrade	2078	4H4	ACGF

Description	Machine type	Model	Feature
120 GB M.2 Boot drive Pair	2078	4H4	ACGX
Manufacturing Indicator #2	2078	4H4	ACGZ
16 Gb FC LW SFP Transceivers(Pair)	2078	4H4	ACHU
32 Gb FC LW SFP Transceivers (Pair)	2078	4H4	ACHV
1m OM3 Fiber Cable (LC)	2078	4H4	ACSQ
5m OM3 Fiber Cable (LC)	2078	4H4	ACSR
10m OM3 Fiber Cable (LC)	2078	4H4	ACSS
25m OM3 Fiber Cable (LC)	2078	4H4	ACST
OEM 1 FC Order Indicator	2078	4H4	ACW1
OEM 2 FC Order Indicator	2078	4H4	ACW2
OEM 3 FC Order Indicator	2078	4H4	ACW3
OEM 4 FC Order Indicator	2078	4H4	ACW4
OEM 5 FC Order Indicator	2078	4H4	ACW5
OEM 6 FC Order Indicator	2078	4H4	ACW6
OEM 7 FC Order Indicator	2078	4H4	ACW7
OEM 8 FC Order Indicator	2078	4H4	ACW8
OEM 9 FC Order Indicator	2078	4H4	ACW9
OEM 10 FC Order Indicator	2078	4H4	ACWA
OEM 11 FC Order Indicator	2078	4H4	ACWB
OEM 12 FC Order Indicator	2078	4H4	ACWC
OEM 13 FC Order Indicator	2078	4H4	ACWD
OEM 14 FC Order Indicator	2078	4H4	ACWE
OEM 15 FC Order Indicator	2078	4H4	ACWF
OEM 1 MTM Order Indicator	2078	4H4	ACY1
OEM 2 MTM Order Indicator	2078	4H4	ACY2
OEM 3 MTM Order Indicator	2078	4H4	ACY3
OEM 4 MTM Order Indicator	2078	4H4	ACY4
OEM 5 MTM Order Indicator	2078	4H4	ACY5
OEM 6 MTM Order Indicator	2078	4H4	ACY6
OEM 7 MTM Order Indicator	2078	4H4	ACY7
OEM 8 MTM Order Indicator	2078	4H4	ACY8

Description	Machine type	Model	Feature
OEM 9 MTM Order Indicator	2078	4H4	ACY9
OEM 10 MTM Order Indicator	2078	4H4	ACYA
OEM 11 MTM Order Indicator	2078	4H4	ACYB
OEM 12 MTM Order Indicator	2078	4H4	ACYC
OEM 13 MTM Order Indicator	2078	4H4	ACYD
OEM 14 MTM Order Indicator	2078	4H4	ACYE
OEM 15 MTM Order Indicator	2078	4H4	ACYF
Generic Bezel	2078	4H4	ACZA
Generic Packaging	2078	4H4	ACZF
Order Type 1 Indicator - CTO	2078	4H4	ADN1
Order Type 2 Indicator - MTM Only	2078	4H4	ADN2
Order Type 3 Indicator - FC Only	2078	4H4	ADN3
375 GB NVMe Storage Class Memory Drive	2078	4H4	AETA
750 GB NVMe Storage Class Memory Drive	2078	4H4	AETB
800 GB NVMe Storage Class Memory Drive	2078	4H4	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	4H4	AETF
4.8 TB 2.5 Inch NVMe Flash Core Module	2078	4H4	AES1
9.6 TB 2.5 Inch NVMe Flash Core Module	2078	4H4	AES2
19.2 TB 2.5 Inch NVMe Flash Core Module	2078	4H4	AES3
4.8 TB NVMe FlashCore Module	2078	4H4	AES5
9.6 TB NVMe FlashCore Module	2078	4H4	AES6
19.2 TB NVMe FlashCore Module	2078	4H4	AES7
38.4 TB NVMe FlashCore Module	2078	4H4	AES8
800 GB 2.5 Inch NVMe Flash Drive	2078	4H4	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET5

Description	Machine type	Model	Feature
375 GB NVMe Storage Class Memory Drive	2078	4H4	AETA
750 GB NVMe Storage Class Memory Drive	2078	4H4	AETB
800 GB NVMe Storage Class Memory Drive	2078	4H4	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	4H4	AETF
Shipping and Handling NC	2078	4H4	AG00
Shipping and Handling FS5100	2078	4H4	AGC8
Power Cord - PDU C20	2078	4H4	AHP6
Future use - reserved 1	2078	4H4	AHY1
Future use - reserved 2	2078	4H4	AHY2
Future use - reserved 3	2078	4H4	AHY3
Future use - reserved 4	2078	4H4	AHY4
Future use - reserved 5	2078	4H4	AHY5
Future use - reserved 6	2078	4H4	AHY6
Future use - reserved 7	2078	4H4	AHY7
Future use - reserved 8	2078	4H4	AHY8
Future use - reserved 9	2078	4H4	AHY9
VersaStack Solution Indicator	2078	4H4	AHZC
All Flash Solution Indicator	2078	4H4	AHZD
Hybrid Flash Indicator	2078	4H4	AHZE
Red Hat OpenShift Indicator	2078	4H4	AJGH
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2078	4H4	ECSM
Route to Power Manufacturing Indicator	2078	4H4	EFD0
FlashSystem Expansion Bezel	2078	92F	ACZM
IBM FlashSystem 5100 High Density Expansion Enclosure	2078	92G	
JEMT Indicator	2078	92G	0021
TAA Compliance	2078	92G	0983
Rack Indicator None	2078	92G	4650
Rack Indicator Rack 1	2078	92G	4651

Description	Machine type	Model	Feature
Rack Indicator Rack 2	2078	92G	4652
Rack Indicator Rack 3	2078	92G	4653
Rack Indicator Rack 4	2078	92G	4654
Rack Indicator Rack 5	2078	92G	4655
Rack Indicator Rack 6	2078	92G	4656
Rack Indicator Rack 7	2078	92G	4657
Rack Indicator Rack 8	2078	92G	4658
Rack Indicator Rack 9	2078	92G	4659
Rack Indicator Rack 10	2078	92G	4660
Rack Indicator Rack 11	2078	92G	4661
Rack Indicator Rack 12	2078	92G	4662
Rack Indicator Rack 13	2078	92G	4663
Rack Indicator Rack 14	2078	92G	4664
Rack Indicator Rack 15	2078	92G	4665
Rack Indicator Rack 16	2078	92G	4666
Bulk Order Indicator	2078	92G	5555
Storage Subsystem ID 1	2078	92G	9170
Storage Subsystem ID 2	2078	92G	9171
Storage Subsystem ID 3	2078	92G	9172
Storage Subsystem ID 4	2078	92G	9173
Storage Subsystem ID 5	2078	92G	9174
Storage Subsystem ID 6	2078	92G	9175
Storage Subsystem ID 7	2078	92G	9176
Storage Subsystem ID 8	2078	92G	9177
Storage Subsystem ID 9	2078	92G	9178
Storage Subsystem ID 10	2078	92G	9179
Storage Subsystem ID 11	2078	92G	9180
Storage Subsystem ID 12	2078	92G	9181
Storage Subsystem ID 13	2078	92G	9182
Storage Subsystem ID 14	2078	92G	9183
Storage Subsystem ID 15	2078	92G	9184

Description	Machine type	Model	Feature
Storage Subsystem ID 16	2078	92G	9185
Storage Subsystem ID 17	2078	92G	9186
Storage Subsystem ID 18	2078	92G	9187
Storage Subsystem ID 19	2078	92G	9188
Storage Subsystem ID 20	2078	92G	9189
Month Indicator	2078	92G	9461
Day Indicator	2078	92G	9462
Hour Indicator	2078	92G	9463
Minute Indicator	2078	92G	9464
Quantity Indicator	2078	92G	9465
Countable Member Indicator	2078	92G	9466
RFID AG/AP: 902-928 MHz	2078	92G	A2EV
RFID EMEA: 865.6-867.8 MHz	2078	92G	A2EW
600GB 15K 3.5 Inch HDD	2078	92G	ACP0
900GB 15K 3.5 Inch HDD	2078	92G	ACP1
1.2TB 10K 3.5 Inch HDD	2078	92G	ACP3
1.8TB 10K 3.5 Inch HDD	2078	92G	ACP4
2.4TB 10K 3.5 Inch HDD	2078	92G	ACP5
6TB 7.2K 3.5 Inch NL HDD	2078	92G	ACP7
8TB 7.2K 3.5 Inch NL HDD	2078	92G	ACP8
10TB 7.2K 3.5 Inch NL HDD	2078	92G	ACP9
12TB 7.2K 3.5 Inch NL HDD	2078	92G	ACPA
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	2078	92G	ACPB
1.6TB 3.5 Inch Flash Drive	2078	92G	ACQD
3.2TB 3.5 Inch Flash Drive	2078	92G	ACQE
1.92TB 3.5 Inch Flash Drive	2078	92G	ACQJ
3.84TB 3.5 Inch Flash Drive	2078	92G	ACQK
7.68TB 3.5 Inch Flash Drive	2078	92G	ACQL
15.36TB 3.5 Inch Flash Drive	2078	92G	ACQM
30.72 TB 3.5 Inch Flash Drive	2078	92G	ACQN
3m 12 Gb SAS Cable (mSAS HD)	2078	92G	ACUC
PurePOWER 12 Gb SAS Cable	2078	92G	ACUE
OEM 1 FC Order Indicator	2078	92G	ACW1

Description	Machine type	Model	Feature
OEM 2 FC Order Indicator	2078	92G	ACW2
OEM 3 FC Order Indicator	2078	92G	ACW3
OEM 4 FC Order Indicator	2078	92G	ACW4
OEM 5 FC Order Indicator	2078	92G	ACW5
OEM 6 FC Order Indicator	2078	92G	ACW6
OEM 7 FC Order Indicator	2078	92G	ACW7
OEM 8 FC Order Indicator	2078	92G	ACW8
OEM 9 FC Order Indicator	2078	92G	ACW9
OEM 10 FC Order Indicator	2078	92G	ACWA
OEM 11 FC Order Indicator	2078	92G	ACWB
OEM 12 FC Order Indicator	2078	92G	ACWC
OEM 13 FC Order Indicator	2078	92G	ACWD
OEM 14 FC Order Indicator	2078	92G	ACWE
OEM 15 FC Order Indicator	2078	92G	ACWF
OEM 1 MTM Order Indicator	2078	92G	ACY1
OEM 2 MTM Order Indicator	2078	92G	ACY2
OEM 3 MTM Order Indicator	2078	92G	ACY3
OEM 4 MTM Order Indicator	2078	92G	ACY4
OEM 5 MTM Order Indicator	2078	92G	ACY5
OEM 6 MTM Order Indicator	2078	92G	ACY6
OEM 7 MTM Order Indicator	2078	92G	ACY7
OEM 8 MTM Order Indicator	2078	92G	ACY8
OEM 9 MTM Order Indicator	2078	92G	ACY9
OEM 10 MTM Order Indicator	2078	92G	ACYA
OEM 11 MTM Order Indicator	2078	92G	ACYB
OEM 12 MTM Order Indicator	2078	92G	ACYC
OEM 13 MTM Order Indicator	2078	92G	ACYD
OEM 14 MTM Order Indicator	2078	92G	ACYE
OEM 15 MTM Order Indicator	2078	92G	ACYF
Generic Bezel	2078	92G	ACZA
Generic Packaging	2078	92G	ACZF
Storwize Expansion Bezel	2078	92G	ACZK

Description	Machine type	Model	Feature
Order Type 1 Indicator - CTO	2078	92G	ADN1
Order Type 2 Indicator - MTM Only	2078	92G	ADN2
Order Type 3 Indicator - FC Only	2078	92G	ADN3
Shipping and Handling NC	2078	92G	AG00
Shipping and Handling FS5100	2078	92G	AGC8
Power Cord - PDU HD Exp.	2078	92G	AHP5
Future use - reserved 1	2078	92G	AHY1
Future use - reserved 2	2078	92G	AHY2
Future use - reserved 3	2078	92G	AHY3
Future use - reserved 4	2078	92G	AHY4
Future use - reserved 5	2078	92G	AHY5
Future use - reserved 6	2078	92G	AHY6
Future use - reserved 7	2078	92G	AHY7
Future use - reserved 8	2078	92G	AHY8
Future use - reserved 9	2078	92G	AHY9
VersaStack Solution Indicator	2078	92G	AHZC
All Flash Solution Indicator	2078	92G	AHZD
Hybrid Flash Indicator	2078	92G	AHZE
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2078	92G	ECSM
Route to Power Manufacturing Indicator	2078	92G	EFD0
FlashSystem Expansion Bezel	2078	A9F	ACZM
32 Gb FC LW SFP Transceivers (Pair)	2078	AF4	ACHV
4.8 TB NVMe FlashCore Module	2078	AF4	AES5
9.6 TB NVMe FlashCore Module	2078	AF4	AES6
19.2 TB NVMe FlashCore Module	2078	AF4	AES7
38.4 TB NVMe FlashCore Module	2078	AF4	AES8
375 GB NVMe Storage Class Memory Drive	2078	AF4	AETA
750 GB NVMe Storage Class Memory Drive	2078	AF4	AETB

Description	Machine type	Model	Feature
800 GB NVMe Storage Class Memory Drive	2078	AF4	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	AF4	AETF
FlashSystem Expansion Bezel	2078	AFF	ACZM
32 Gb FC LW SFP Transceivers (Pair)	2078	U5B	ACHV
4.8 TB NVMe FlashCore Module	2078	U5B	AES5
9.6 TB NVMe FlashCore Module	2078	U5B	AES6
19.2 TB NVMe FlashCore Module	2078	U5B	AES7
38.4 TB NVMe FlashCore Module	2078	U5B	AES8
375 GB NVMe Storage Class Memory Drive	2078	U5B	AETA
750 GB NVMe Storage Class Memory Drive	2078	U5B	AETB
800 GB NVMe Storage Class Memory Drive	2078	U5B	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	U5B	AETF
Red Hat OpenShift Indicator	2078	U5B	AJGH
IBM FlashSystem 5100 Utility NVMe Control Enclosure	2078	UHB	
JEMT Indicator	2078	UHB	0021
TAA Compliance	2078	UHB	0983
Rack Indicator None	2078	UHB	4650
Rack Indicator Rack 1	2078	UHB	4651
Rack Indicator Rack 2	2078	UHB	4652
Rack Indicator Rack 3	2078	UHB	4653
Rack Indicator Rack 4	2078	UHB	4654
Rack Indicator Rack 5	2078	UHB	4655
Rack Indicator Rack 6	2078	UHB	4656
Rack Indicator Rack 7	2078	UHB	4657
Rack Indicator Rack 8	2078	UHB	4658
Rack Indicator Rack 9	2078	UHB	4659
Rack Indicator Rack 10	2078	UHB	4660
Rack Indicator Rack 11	2078	UHB	4661
Rack Indicator Rack 12	2078	UHB	4662

Description	Machine type	Model	Feature
Rack Indicator Rack 13	2078	UHB	4663
Rack Indicator Rack 14	2078	UHB	4664
Rack Indicator Rack 15	2078	UHB	4665
Rack Indicator Rack 16	2078	UHB	4666
Bulk Order Indicator	2078	UHB	5555
Storage Subsystem ID 1	2078	UHB	9170
Storage Subsystem ID 2	2078	UHB	9171
Storage Subsystem ID 3	2078	UHB	9172
Storage Subsystem ID 4	2078	UHB	9173
Storage Subsystem ID 5	2078	UHB	9174
Storage Subsystem ID 6	2078	UHB	9175
Storage Subsystem ID 7	2078	UHB	9176
Storage Subsystem ID 8	2078	UHB	9177
Storage Subsystem ID 9	2078	UHB	9178
Storage Subsystem ID 10	2078	UHB	9179
Storage Subsystem ID 11	2078	UHB	9180
Storage Subsystem ID 12	2078	UHB	9181
Storage Subsystem ID 13	2078	UHB	9182
Storage Subsystem ID 14	2078	UHB	9183
Storage Subsystem ID 15	2078	UHB	9184
Storage Subsystem ID 16	2078	UHB	9185
Storage Subsystem ID 17	2078	UHB	9186
Storage Subsystem ID 18	2078	UHB	9187
Storage Subsystem ID 19	2078	UHB	9188
Storage Subsystem ID 20	2078	UHB	9189
Month Indicator	2078	UHB	9461
Day Indicator	2078	UHB	9462
Hour Indicator	2078	UHB	9463
Minute Indicator	2078	UHB	9464
Quantity Indicator	2078	UHB	9465
Countable Member Indicator	2078	UHB	9466
Power Cord - EMEA	2078	UHB	9716
Power Cord - Australia / New Zealand	2078	UHB	9717

Description	Machine type	Model	Feature
Power Cord - Europe / Africa	2078	UHB	9718
Power Cord - Denmark	2078	UHB	9719
Power Cord - South Africa	2078	UHB	9720
Power Cord - Switzerland	2078	UHB	9721
Power Cord - Chile / Italy	2078	UHB	9722
Power Cord - Israel	2078	UHB	9723
Power Cord - Argentina	2078	UHB	9725
Power Cord - China	2078	UHB	9726
Power Cord - PDU Connection	2078	UHB	9730
Power Cord - Brazil	2078	UHB	9733
Power Cord - India	2078	UHB	9734
Power Cord - Korea	2078	UHB	9736
RFID AG/AP: 902-928 MHz	2078	UHB	A2EV
RFID EMEA: 865.6-867.8 MHz	2078	UHB	A2EW
32Gb FC Adapter Pair	2078	UHB	ACB9
SAS Enclosure Attach Card Pair	2078	UHB	ACBA
16Gb FC Adapter Pair	2078	UHB	ACBB
25GbE (RoCE) Adapter Pair	2078	UHB	ACBE
25GbE (iWARP) Adapter Pair	2078	UHB	ACBF
Encryption Enablement	2078	UHB	ACE4
Encryption USB Drive Pack	2078	UHB	ACEC
FS5100 64 GB Cache upgrade	2078	UHB	ACGE
FS5100 384 GB Cache upgrade	2078	UHB	ACGF
120 GB M.2 Boot drive Pair	2078	UHB	ACGX
Manufacturing Indicator #2	2078	UHB	ACGZ
16 Gb FC LW SFP Transceivers(Pair)	2078	UHB	ACHU
32 Gb FC LW SFP Transceivers (Pair)	2078	UHB	ACHV
1m OM3 Fiber Cable (LC)	2078	UHB	ACSQ
5m OM3 Fiber Cable (LC)	2078	UHB	ACSR
10m OM3 Fiber Cable (LC)	2078	UHB	ACSS
25m OM3 Fiber Cable (LC)	2078	UHB	ACST

Description	Machine type	Model	Feature
OEM 1 FC Order Indicator	2078	UHB	ACW1
OEM 2 FC Order Indicator	2078	UHB	ACW2
OEM 3 FC Order Indicator	2078	UHB	ACW3
OEM 4 FC Order Indicator	2078	UHB	ACW4
OEM 5 FC Order Indicator	2078	UHB	ACW5
OEM 6 FC Order Indicator	2078	UHB	ACW6
OEM 7 FC Order Indicator	2078	UHB	ACW7
OEM 8 FC Order Indicator	2078	UHB	ACW8
OEM 9 FC Order Indicator	2078	UHB	ACW9
OEM 10 FC Order Indicator	2078	UHB	ACWA
OEM 11 FC Order Indicator	2078	UHB	ACWB
OEM 12 FC Order Indicator	2078	UHB	ACWC
OEM 13 FC Order Indicator	2078	UHB	ACWD
OEM 14 FC Order Indicator	2078	UHB	ACWE
OEM 15 FC Order Indicator	2078	UHB	ACWF
OEM 1 MTM Order Indicator	2078	UHB	ACY1
OEM 2 MTM Order Indicator	2078	UHB	ACY2
OEM 3 MTM Order Indicator	2078	UHB	ACY3
OEM 4 MTM Order Indicator	2078	UHB	ACY4
OEM 5 MTM Order Indicator	2078	UHB	ACY5
OEM 6 MTM Order Indicator	2078	UHB	ACY6
OEM 7 MTM Order Indicator	2078	UHB	ACY7
OEM 8 MTM Order Indicator	2078	UHB	ACY8
OEM 9 MTM Order Indicator	2078	UHB	ACY9
OEM 10 MTM Order Indicator	2078	UHB	ACYA
OEM 11 MTM Order Indicator	2078	UHB	ACYB
OEM 12 MTM Order Indicator	2078	UHB	ACYC
OEM 13 MTM Order Indicator	2078	UHB	ACYD
OEM 14 MTM Order Indicator	2078	UHB	ACYE
OEM 15 MTM Order Indicator	2078	UHB	ACYF
Generic Bezel	2078	UHB	ACZA
Generic Packaging	2078	UHB	ACZF

Description	Machine type	Model	Feature
Order Type 1 Indicator - CTO	2078	UHB	ADN1
Order Type 2 Indicator - MTM Only	2078	UHB	ADN2
Order Type 3 Indicator - FC Only	2078	UHB	ADN3
375 GB NVMe Storage Class Memory Drive	2078	UHB	AETA
750 GB NVMe Storage Class Memory Drive	2078	UHB	AETB
800 GB NVMe Storage Class Memory Drive	2078	UHB	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	UHB	AETF
Variable Usage 1TB/month	2078	UHB	AE00
Variable Usage 10TB/month	2078	UHB	AE01
Variable Usage 100TB/month	2078	UHB	AE02
4.8 TB 2.5 Inch NVMe Flash Core Module	2078	UHB	AES1
9.6 TB 2.5 Inch NVMe Flash Core Module	2078	UHB	AES2
19.2 TB 2.5 Inch NVMe Flash Core Module	2078	UHB	AES3
4.8 TB NVMe FlashCore Module	2078	UHB	AES5
9.6 TB NVMe FlashCore Module	2078	UHB	AES6
19.2 TB NVMe FlashCore Module	2078	UHB	AES7
38.4 TB NVMe FlashCore Module	2078	UHB	AES8
800 GB 2.5 Inch NVMe Flash Drive	2078	UHB	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET5
375 GB NVMe Storage Class Memory Drive	2078	UHB	AETA
750 GB NVMe Storage Class Memory Drive	2078	UHB	AETB
800 GB NVMe Storage Class Memory Drive	2078	UHB	AETE
1.6 TB NVMe Storage Class Memory Drive	2078	UHB	AETF

Description	Machine type	Model	Feature
Shipping and Handling NC	2078	UHB	AG00
Shipping and Handling FS5100	2078	UHB	AGC8
Power Cord - PDU C20	2078	UHB	AHP6
Future use - reserved 1	2078	UHB	AHY1
Future use - reserved 2	2078	UHB	AHY2
Future use - reserved 3	2078	UHB	AHY3
Future use - reserved 4	2078	UHB	AHY4
Future use - reserved 5	2078	UHB	AHY5
Future use - reserved 6	2078	UHB	AHY6
Future use - reserved 7	2078	UHB	AHY7
Future use - reserved 8	2078	UHB	AHY8
Future use - reserved 9	2078	UHB	AHY9
VersaStack Solution Indicator	2078	UHB	AHZC
All Flash Solution Indicator	2078	UHB	AHZD
Hybrid Flash Indicator	2078	UHB	AHZE
Red Hat OpenShift Indicator	2078	UHB	AJGH
No Ship MES	2078	UHB	AQQQ
CSC ORDER ROUTING INDICATOR - GUADALAJARA	2078	UHB	ECSM
Route to Power Manufacturing Indicator	2078	UHB	EFD0

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld^(R) ID and password are required (use IBMid).

[BP Attachment for Announcement Letter 120-009](#)

Education support

IBM Global Services IT Education Services provides education and training to support many IBM offerings. Course descriptions, training paths, and links to other IBM learning resources are available at the [IBM Authorized Training](#) website.

Publications

To order additional hardcopy publications for a fee or download free PDF format publications, go to the [IBM Publications Center](#) website.

IBM Knowledge Center provides you with a single point of reference where you can access product documentation for IBM systems hardware, operating systems, and server software. Through a consistent framework, you can efficiently find information and personalize your access by going to [IBM Knowledge Center](#) for all your product information needs.

To access the IBM Publications Center Portal, go to the [IBM Publications Center](#) website.

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, which can currently be downloaded.

Services

IBM Systems Lab Services

IBM Systems Lab Services offers a wide array of services available for your enterprise. It brings expertise on the latest technologies from the IBM development community and can help with your most difficult technical challenges.

IBM Systems Lab Services exists to help you successfully implement emerging technologies so as to accelerate your return on investment and improve your satisfaction with your IBM systems and solutions. Services examples include initial implementation, integration, migration, and skills transfer on IBM systems solution capabilities and recommended practices. IBM Systems Lab Services is one of the service organizations of IBM's world-renowned IBM Systems Group development labs.

For details on available services, contact your IBM representative or go to the [Lab Services](#) website.

Global Technology Services

IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

These services help you learn about, plan, install, manage, or optimize your IT infrastructure to be an on-demand business. They can help you integrate your high-speed networks, storage systems, application servers, wireless protocols, and an array of platforms, middleware, and communications software for IBM and many non-IBM offerings. IBM is your one-stop shop for IT support needs.

For details on available services, contact your IBM representative or go to the [IBM Global Technology Services^{\(R\)}](#) website.

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or go to the [Resiliency Services](#) website.

Details on education offerings related to specific products can be found on the [IBM authorized training](#) website.

Technical information

Specified operating environment

Physical specifications

- Height: 8.8 cm (3.5 in.)
- Width: 48.3 cm (19.0 in.)
- Depth: 85.0 cm (33.5 in.)

- Approximate weight:
 - Empty: 38.5 kg (84.7 lb)
 - Fully configured: 46.6 kg (102.5 lb)

To assure installability and serviceability in non-IBM industry-standard racks, review the installation planning information for any product-specific installation requirements.

Standards

Note: This product was designed, tested, manufactured, and certified for safe operation. It complies with IEC 60950-1 and/or IEC 62368-1 and where required, to relevant national differences/deviations (NDs) to these IEC base standards. This includes, but is not limited to: EN (European Norms including all Amendments under the Low Voltage Directive), UL/CSA (North America bi-national harmonized and marked per accredited NRTL agency listings), and other such derivative certifications according to corporate determinations and latest regional publication compliance standardized requirements.

- Regulatory Model ID (RMID, for control system base platform): FBIII

(Relevant machine type - models may also be used to supplement identification for worldwide co-compliance filings or registrations with regulatory bodies.)

Operating environment

Air temperature:

- Operating: 5°C to 35°C (41°F to 95°F) from 0 to 3048 m (0 to 10,000 ft); Above 900 m, de-rate maximum air temperature 1 degree per 300 m
- Nonoperating: 1°C to 50°C (34°F to 122°F)

Relative humidity:

- Operating: 8% - 80% noncondensing
- Nonoperating: 8% - 80% noncondensing

Electrical power:

- Voltage range: 200 - 240 V AC
- Frequency: 50 - 60 Hz
- Power: 2000 W
- Heat dissipation (BTU per hour): 6825
- Acoustical noise emission: 8.1 bels (idling), 8.1 bels (operating)

Software requirements

FlashSystem 5100 requires licensed machine code level 8.2.1, or later.

The 4.8 TB, 9.6 TB, and 19.2 TB FlashCore Modules require IBM Spectrum Virtualize Software V8.2.1.6, V8.3.0.1, or later for operation.

The 38.4 TB FlashCore Module requires IBM Spectrum Virtualize Software V8.3.1, or later for operation.

See the FlashSystem 5100, formerly Storwize V5100, product documentation and the [IBM Support](#) site for additional information on licensed machine code levels and other requirements.

For a comprehensive list of supported environments, devices, and configurations, go to the [IBM SSIC](#) website.

Compatibility

For a comprehensive list of supported environments, devices, and configurations, go to the [IBM SSIC](#).

Limitations

Configuration limitations and restrictions: For FlashSystem 5100 configuration limitations and restrictions, go to the [IBM Support Portal](#) and enter *FlashSystem 5100 configuration limitations and restrictions* in the Search support box.

Drive considerations

FlashCore Modules:

- Six drive minimum
- Distributed RAID 6 (recommended), Distributed RAID 5 (supported)
- FlashCore Modules in the same RAID array must be of the same capacity

Industry-standard NVMe drives:

- Two drive minimum (varies by RAID type)
- Traditional RAID 10 and Distributed RAID 6 (recommended), Distributed RAID 5 (supported)
- Industry-standard NVMe drives in the same RAID array must be of the same capacity

Storage Class Memory Drives:

- Two drive minimum with up to four drives of the same type and capacity
- Traditional RAID 1 or 10 and Distributed RAID 5 with less than 4 drives

Expansion enclosure attachment rules

Machine type	Model	Max. quantity of SAS chains per controller or node pair	Max. quantity of expansion per SAS chain (12F-24F / 92F)	Max. quantity of drive slots per SAS expansion chain	Max. quantity of drive slots per system	Max. quantity of drive slots per clustered system
2077	424	2	10/4	368	760	1520
Machine type	Model	Max. quantity of SAS chains per controller or node pair	Max. quantity of expansion per SAS chain (A9F / A9F)	Max. quantity of drive slots per SAS expansion chain	Max. quantity of drive slots per system	Max. quantity of drive slots per clustered system
2077	A4F	2	10/4	368	760	1520

Machine type	Model	Max. quantity of SAS chains per controller or node pair	Max. quantity of expansion enclosure per SAS chain (12F-24F / 92F)	Max. quantity of drive slots per SAS expansion chain	Max. quantity of drive slots per system	Max. quantity of drive slots per clustered system
2078	424, U5B	2	10/4	368	760	1520

Machine type	Model	Max. quantity of SAS chains per controller or node pair	Max. quantity of expansion enclosure per SAS chain (AFF / A9F)	Max. quantity of drive slots per SAS expansion chain	Max. quantity of drive slots per system	Max. quantity of drive slots per clustered system
2078	A4F	2	10/4	368	760	1520

2U expansion enclosures and 5U expansion enclosure mix rules

2U	Maximum # of drive slots per SAS expansion string 5U										
	0	1	2	3	4	5	6	7	8	9	10
0	0	24	48	72	96	120	144	168	192	216	240
1	92	116	140	164	188	212	236	260	-	-	-
2	184	208	232	256	280	304	-	-	-	-	-
3	276	300	324	-	-	-	-	-	-	-	-
4	368	-	-	-	-	-	-	-	-	-	-

Encryption: The 5100 Encryption Enablement features (feature numbers ACE3 and ACE4) and the Encryption USB Drive Pack feature (feature number ACEC) are not available in the following countries:

- Armenia
- Belarus
- Kazakhstan
- Kyrgyzstan
- Russia

Shipments to India: FlashSystem 5100 machines shipped prior to the published planned availability date for India are not compliant with India certification and product labeling requirements.

If you did not acquire your machine from IBM as a direct shipment to India, you are responsible for validating the machine has the appropriate certifications and product labels.

IBM FlashSystem 5100 model 2076-UHB is not available for ordering in India.

Contact your IBM sales representative or Business Partner for assistance with this validation.

Planning information

Client responsibilities

Physical configuration and installation planning are customer responsibilities.

You are responsible for downloading or obtaining from IBM, and installing designated Machine Code (microcode, basic input/output system code (called BIOS), utility programs, device drivers, and diagnostics delivered with an IBM machine) and other software updates in a timely manner from an IBM internet website or from other electronic media, and following the instructions that IBM provides. You may request IBM to install Machine Code changes; however, you may be charged for that service.

Cable orders

Cables are required for the following:

- I/O connectivity to servers and fabric components
- Expansion enclosure attachment
- System management

As a convenience, a limited selection of cables can be ordered with FlashSystem 5100 machines. See the [Product number](#) section for feature numbers.

Cables, along with installation services, are also available from IBM Network Integration and Deployment Services, an IBM Global Services offering.

I/O connectivity cables

Cables are required to connect the FlashSystem 5100 I/O ports to server or fabric ports.

16 Gb of 32 Gb FC: FlashSystem 5100 requires a 50.0/125 micrometer fiber optic cable terminated with an LC Duplex connector. The following can be ordered with FlashSystem 5100 control enclosure models:

- 1-meter OM3 fiber cable (LC)
- 5-meter OM3 fiber cable (LC)
- 10-meter OM3 fiber cable (LC)
- 25-meter OM3 fiber cable (LC)

25 Gb iSCSI: FlashSystem 5100 requires 50.0/125 micrometer fiber optic cables terminated with an LC Duplex connector. The following fiber optic cables can be ordered with FlashSystem 5100 control enclosure models:

- 1-meter OM3 fiber cable (LC)
- 5-meter OM3 fiber cable (LC)
- 10-meter OM3 fiber cable (LC)
- 25-meter OM3 fiber cable (LC)

Security, auditability, and control

This product uses the security and auditability features of the preloaded application software.

The client is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communications facilities.

IBM Systems Lab Services

For details on available services, contact your IBM representative or go to the [Lab Services](#) website.

Terms and conditions

Volume orders

Contact your IBM representative.

IBM Global Financing

Yes

Products - terms and conditions

Warranty period

Warranty and additional coverage options	Coverage summary ¹
Warranty Period:	Machine type 2077: One year of standard warranty
Service Level:	IBM CRU and On-Site Limited, 9x5 Next Business Day
Warranty Period:	Machine type 2078: Three years - (1 year standard warranty plus 2 years of Extended Warranty Services)
Service Level:	IBM CRU and On-Site Limited, 9x5 Next Business Day
Service upgrade options :	
Warranty Service Upgrade	IBM CRU and On-Site Repair, 9x5 Same Day ² and 24x7 Same Day options
Maintenance Services (Post-Warranty)	IBM On-Site Repair, Next Business Day and Same Day options
IBM Hardware Maintenance Services - committed maintenance ³	Yes

¹ See complete coverage details below

² Offered in US and EMEA only

³ Not offered in the US

- Machine type 2077: One year (including the battery)
- Machine type 2078: Three years (including the battery)

Machine type 2077 is provided with one year of standard warranty. Machine type 2078 is provided with one year of standard warranty and two years of extended warranty service. Please consult with your advisors about the appropriate financial treatment for these products.

To obtain copies of the IBM Statement of Limited Warranty, contact your reseller or IBM. An IBM part or feature installed during the initial installation of an IBM machine is subject to the full warranty period specified by IBM. An IBM part or feature that replaces a previously installed part or feature assumes the remainder of the warranty period for the replaced part or feature. An IBM part or feature added to a machine without replacing a previously installed part or feature is subject to a full warranty. Unless specified otherwise, the warranty period, type of warranty service, and service level of a part or feature are the same as those for the machine in which it is installed.

Extended Warranty Service

Machine type 2078 is provided with one year of standard warranty. For your convenience, IBM has provided two additional years of extended warranty services to make this offering. Consult with your advisors about the appropriate financial treatment for this offering.

Warranty service

If required, IBM provides repair or exchange service depending on the types of warranty service specified for the machine. IBM will attempt to resolve your problem over the telephone, or electronically through an IBM website. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines on-site service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts. If applicable to your product, parts considered Client Replaceable Units (CRUs) will be provided as part of the machine's standard warranty service.

Service levels are response-time objectives and are not guaranteed. The specified level of warranty service may not be available in all worldwide locations. Additional charges may apply outside IBM's normal service area. Contact your local IBM representative or your reseller for country-specific and location-specific information.

CRU Service

IBM provides replacement CRUs to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM upon your request. CRUs are designated as being either a Tier 1 (mandatory) or a Tier 2 (optional) CRU.

Tier 1 (mandatory) CRU

Installation of Tier 1 CRUs, as specified in this announcement, is your responsibility. If IBM installs a Tier 1 CRU at your request, you will be charged for the installation.

Tier 2 (optional) CRU

You may install a Tier 2 CRU yourself or request IBM to install it, at no additional charge.

Based upon availability, CRUs will be shipped for next business day (NBD) delivery. IBM specifies, in the materials shipped with a replacement CRU, whether a defective CRU must be returned to IBM. When return is required, return instructions and a container are shipped with the replacement CRU. You may be charged for the replacement CRU if IBM does not receive the defective CRU within 15 days of your receipt of the replacement.

The following parts have been designated as Tier 1 CRUs:

- Power Cable
- I/O adapter
- SFP
- DIMM
- system disk
- Fibre cable
- FCM
- Drive
- Coin cell
- Bezel
- Node battery

- PSU
- Fan
- Power Interposer
- Trusted platform module
- Rail kit
- Drive blank
- DIMM filler
- PCIe riser card with bracket assembly
- Node canister

CRU and On-site Service

At IBM's discretion, you will receive specified CRU service, or IBM will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well-lit, and suitable for the purpose.

Service level is:

- 9 hours per day, Monday through Friday, excluding holidays, next business day response. Calls must be received by 5:00 PM local time in order to qualify for next business day response.

Non-IBM parts service

IBM is now shipping machines with selected non-IBM parts that contain an IBM field replaceable unit (FRU) part number label. These parts are to be serviced during the IBM machine warranty period. IBM is covering the service on these selected non-IBM parts as an accommodation to their clients, and normal warranty service procedures for the IBM machine apply.

International Warranty Service

Machine type 2077 is eligible for International Warranty Service. International Warranty Service allows you to relocate any machine that is eligible for International Warranty Service and receive continued warranty service in any country where the IBM machine is serviced. If you move your machine to a different country, you are required to report the machine information to your Business Partner or IBM representative.

The warranty service type and the service level provided in the servicing country may be different from that provided in the country in which the machine was purchased. Warranty service will be provided with the prevailing warranty service type and service level available for the eligible machine type in the servicing country, and the warranty period observed will be that of the country in which the machine was purchased.

The following types of information can be found on the [International Warranty Service](#) website:

- Machine warranty entitlement and eligibility
- Directory of contacts by country with technical support contact information
- Announcement Letters

Warranty service upgrades

During the warranty period, warranty service upgrades provide an enhanced level of On-site Service for an additional charge. Service levels are response-time objectives and are not guaranteed. See the [Warranty period](#) section for additional details.

IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM website. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with

IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines on-site service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts.

- On-Site Repair, Monday through Friday (excluding holidays), 8am to 5pm, 4 hour on-site response objective. Response times are objectives and are not guaranteed.
- On-Site Repair, 7 days a week, 24hrs/day
- On-Site Repair, 7 days a week, 24hrs/day, 2 hour response objective. Response times are objectives and are not guaranteed.

Maintenance service options

Maintenance services

If required, IBM provides repair or exchange service depending on the types of maintenance service specified for the machine. IBM will attempt to resolve your problem over the telephone or electronically, through an IBM website. Certain machines contain remote support capabilities for direct problem reporting, remote problem determination, and resolution with IBM. You must follow the problem determination and resolution procedures that IBM specifies. Following problem determination, if IBM determines on-site service is required, scheduling of service will depend upon the time of your call, machine technology and redundancy, and availability of parts. Service levels are response-time objectives and are not guaranteed. The specified level of maintenance service may not be available in all worldwide locations. Additional charges may apply outside IBM's normal service area. Contact your local IBM representative or your reseller for country-specific and location-specific information. The following service selections are available as maintenance options for your machine type.

On-site Service

IBM will repair the failing machine at your location and verify its operation. You must provide a suitable working area to allow disassembly and reassembly of the IBM machine. The area must be clean, well-lit, and suitable for the purpose.

- On-Site Repair, Monday through Friday (excluding holidays), 8am to 5pm, next business day.
- On-Site Repair, Monday through Friday (excluding holidays), 8am to 5pm, 4 hour response objective. Response times are objectives and are not guaranteed.
- On-Site Repair, 7 days a week, 24hrs/day.
- On-Site Repair, 7 days a week, 24hrs/day, 2 hour response objective. Response times are objectives and are not guaranteed.

Client Replaceable Unit (CRU) Service

If your problem can be resolved with a CRU (for example, keyboard, mouse, speaker, memory, or hard disk drive), and depending upon the maintenance service offerings in your geography, IBM will ship the replacement CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM upon your request.

Based upon availability, CRUs will be shipped for next business day delivery. IBM specifies, in the materials shipped with a replacement CRU, whether a defective CRU must be returned to IBM. When return is required, 1) return instructions and a container are shipped with the replacement CRU, and 2) you may be charged for the replacement CRU if IBM does not receive the defective CRU within 15 days of your receipt of the replacement.

CRUs are designated as being either a Tier 1 (mandatory) or a Tier 2 (optional) CRU.

Tier 1 (mandatory) CRUs: Installation of Tier 1 CRUs, as specified in this announcement, is your responsibility. If IBM installs a Tier 1 CRU at your request, you will be charged for the installation.

For machines with On-site Same-day Response Service, IBM will replace a Tier 1 CRU part at your request, at no additional charge.

Tier 2 (optional) CRUs: You may install a Tier 2 CRU yourself or request IBM to install it, at no additional charge.

The following parts and feature(s) have been designated as Tier 1 CRUs:

- Power Cable
- I/O adapter
- SFP
- DIMM
- system disk
- Fibre cable
- FCM
- Drive
- Coin cell
- Bezel
- Node battery
- PSU
- Fan
- Power Interposer
- Trusted platform module
- Rail kit
- Drive blank
- DIMM filler
- PCIe riser card with bracket assembly
- Node canister

Feature codes for which there is a maintenance charge:

Description	Machine type	Model	Feature
4.8 TB 2.5 Inch NVMe FlashCore Module	2077	4H4	AES1
9.6 TB 2.5 Inch NVMe FlashCore Module	2077	4H4	AES2
19.2 TB 2.5 Inch NVMe FlashCore Module	2077	4H4	AES3
800 GB 2.5 Inch NVMe Flash Drive	2077	4H4	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2077	4H4	AET5
4.8 TB 2.5 Inch NVMe FlashCore Module	2077	4F4	AES1
9.6 TB 2.5 Inch NVMe FlashCore Module	2077	4F4	AES2

Description	Machine type	Model	Feature
19.2 TB 2.5 Inch NVMe FlashCore Module	2077	4F4	AES3
800 GB 2.5 Inch NVMe Flash Drive	2077	4F4	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2077	4F4	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2077	4F4	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2077	4F4	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2077	4F4	AET5
4.8 TB 2.5 Inch NVMe FlashCore Module	2078	4H4	AES1
9.6 TB 2.5 Inch NVMe FlashCore Module	2078	4H4	AES2
19.2 TB 2.5 Inch NVMe FlashCore Module	2078	4H4	AES3
800 GB 2.5 Inch NVMe Flash Drive	2078	4H4	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2078	4H4	AET5
4.8 TB 2.5 Inch NVMe FlashCore Module	2078	4F4	AES1
9.6 TB 2.5 Inch NVMe FlashCore Module	2078	4F4	AES2
19.2 TB 2.5 Inch NVMe FlashCore Module	2078	4F4	AES3
800 GB 2.5 Inch NVMe Flash Drive	2078	4F4	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2078	4F4	AET2
3.84 TB 2.5 Inch NVMe Flash Drive	2078	4F4	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2078	4F4	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2078	4F4	AET5
4.8 TB 2.5 Inch NVMe FlashCore Module	2078	UHB	AES1
9.6 TB 2.5 Inch NVMe FlashCore Module	2078	UHB	AES2
19.2 TB 2.5 Inch NVMe FlashCore Module	2078	UHB	AES3
800 GB 2.5 Inch NVMe Flash Drive	2078	UHB	AET1
1.92 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET2

Description	Machine type	Model	Feature
3.84 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET3
7.68 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET4
15.36 TB 2.5 Inch NVMe Flash Drive	2078	UHB	AET5

Non-IBM parts service

Under certain conditions, IBM provides services for selected non-IBM parts at no additional charge for machines that are covered under warranty service upgrades or maintenance services.

This service includes hardware problem determination (PD) on the non-IBM parts (for example, adapter cards, PCMCIA cards, disk drives, memory) installed within IBM machines and provides the labor to replace the failing parts at no additional charge.

If IBM has a Technical Service Agreement with the manufacturer of the failing part, or if the failing part is an accommodations part (a part with an IBM FRU label), IBM may also source and replace the failing part at no additional charge. For all other non-IBM parts, clients are responsible for sourcing the parts. Installation labor is provided at no additional charge, if the machine is covered under a warranty service upgrade or a maintenance service.

Usage plan machine

No

IBM hourly service rate classification

Two

When a type of service involves the exchange of a machine part, the replacement may not be new, but will be in good working order.

General terms and conditions

Field-installable features

Yes

Model conversions

No

Machine installation

Customer setup. Customers are responsible for installation according to the instructions IBM provides with the machine

Graduated program license charges apply

No

Licensed Internal Code and Licensed Machine Code

These products do not contain Licensed Internal Code or Licensed Machine Code.

Educational allowance

A reduced charge is available to qualified education clients. The educational allowance may not be added to any other discount or allowance.

The educational allowance is 15% for the products in this announcement.

Prices

For additional information and current prices, contact your local IBM representative or IBM Business Partner.

The following are newly announced features and models on the specified models of the IBM System Storage 2077 machine type:

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
IBM FlashSystem 5100 LFF Expansion Enclosure	12G		Both	Yes	
IBM FlashSystem 5100 SFF Expansion Enclosure	24G		Both	Yes	
IBM FlashSystem 5100 NVMe Control Enclosure	4H4		Both	Yes	
IBM FlashSystem 5100 High Density Expansion	92G		Both	Yes	
FlashSystem Expansion Bezel	12F	ACZM	MES	Yes	No
JEMT Indicator	12G	0021	Initial	Yes	No
TAA Compliance	12G	0983	Initial	Yes	No
Rack Indicator None	12G	4650	Initial	Yes	No
Rack Indicator Rack 1	12G	4651	Initial	Yes	No
Rack Indicator Rack 2	12G	4652	Initial	Yes	No
Rack Indicator Rack 3	12G	4653	Initial	Yes	No
Rack Indicator Rack 4	12G	4654	Initial	Yes	No
Rack Indicator Rack 5	12G	4655	Initial	Yes	No
Rack Indicator Rack 6	12G	4656	Initial	Yes	No
Rack Indicator Rack 7	12G	4657	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 8	12G	4658	Initial	Yes	No
Rack Indicator Rack 9	12G	4659	Initial	Yes	No
Rack Indicator Rack 10	12G	4660	Initial	Yes	No
Rack Indicator Rack 11	12G	4661	Initial	Yes	No
Rack Indicator Rack 12	12G	4662	Initial	Yes	No
Rack Indicator Rack 13	12G	4663	Initial	Yes	No
Rack Indicator Rack 14	12G	4664	Initial	Yes	No
Rack Indicator Rack 15	12G	4665	Initial	Yes	No
Rack Indicator Rack 16	12G	4666	Initial	Yes	No
Bulk Order Indicator	12G	5555	MES	Yes	No
Storage Subsystem ID 1	12G	9170	Initial	Yes	No
Storage Subsystem ID 2	12G	9171	Initial	Yes	No
Storage Subsystem ID 3	12G	9172	Initial	Yes	No
Storage Subsystem ID 4	12G	9173	Initial	Yes	No
Storage Subsystem ID 5	12G	9174	Initial	Yes	No
Storage Subsystem ID 6	12G	9175	Initial	Yes	No
Storage Subsystem ID 7	12G	9176	Initial	Yes	No
Storage Subsystem ID 8	12G	9177	Initial	Yes	No
Storage Subsystem ID 9	12G	9178	Initial	Yes	No
Storage Subsystem ID 10	12G	9179	Initial	Yes	No
Storage Subsystem ID 11	12G	9180	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 12	12G	9181	Initial	Yes	No
Storage Subsystem ID 13	12G	9182	Initial	Yes	No
Storage Subsystem ID 14	12G	9183	Initial	Yes	No
Storage Subsystem ID 15	12G	9184	Initial	Yes	No
Storage Subsystem ID 16	12G	9185	Initial	Yes	No
Storage Subsystem ID 17	12G	9186	Initial	Yes	No
Storage Subsystem ID 18	12G	9187	Initial	Yes	No
Storage Subsystem ID 19	12G	9188	Initial	Yes	No
Storage Subsystem ID 20	12G	9189	Initial	Yes	No
Month Indicator	12G	9461	Initial	Yes	No
Day Indicator	12G	9462	Initial	Yes	No
Hour Indicator	12G	9463	Initial	Yes	No
Minute Indicator	12G	9464	Initial	Yes	No
Quantity Indicator	12G	9465	Initial	Yes	No
Countable Member Indicator	12G	9466	Initial	Yes	No
Power Cord - EMEA	12G	9716	Both	Yes	No
Power Cord - Australia / New Zealand	12G	9717	Both	Yes	No
Power Cord - Europe / Africa	12G	9718	Both	Yes	No
Power Cord - Denmark	12G	9719	Both	Yes	No
Power Cord - South Africa	12G	9720	Both	Yes	No
Power Cord - Switzerland	12G	9721	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Power Cord - Chile / Italy	12G	9722	Both	Yes	No
Power Cord - Israel	12G	9723	Both	Yes	No
Power Cord - Argentina	12G	9725	Both	Yes	No
Power Cord - China	12G	9726	Both	Yes	No
Power Cord - PDU Connection	12G	9730	Both	Yes	No
Power Cord - US/ Group 1	12G	9731	Both	Yes	No
Power Cord - Taiwan	12G	9732	Both	Yes	No
Power Cord - Brazil	12G	9733	Both	Yes	No
Power Cord - India	12G	9734	Both	Yes	No
Power Cord - Japan	12G	9735	Both	Yes	No
Power Cord - Korea	12G	9736	Both	Yes	No
Power Cord - Chicago	12G	9737	Both	Yes	No
RFID AG/AP: 902-928 MHz	12G	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	12G	A2EW	Initial	Yes	No
900GB 10K 3.5 Inch HDD	12G	AC27	Both	Yes	No
1.2TB 10K 3.5 Inch HDD	12G	AC28	Both	Yes	No
1.8TB 10K 3.5 Inch HDD	12G	AC29	Both	Yes	No
2.4TB 10K 3.5 Inch HDD	12G	AC2A	Both	Yes	No
4TB 7.2K 3.5 Inch NL HDD	12G	AC39	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
6TB 7.2K 3.5 Inch NL HDD	12G	AC3A	Both	Yes	No
8TB 7.2K 3.5 Inch NL HDD	12G	AC3B	Both	Yes	No
10TB 7.2K 3.5 Inch NL HDD	12G	AC3C	Both	Yes	No
12TB 7.2K 3.5 Inch NL HDD	12G	AC3D	Both	Yes	No
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	12G	AC3E	Both	Yes	No
0.6m 12 Gb SAS Cable (mSAS HD)	12G	ACUA	Both	Yes	No
1.5m 12 Gb SAS Cable (mSAS HD)	12G	ACUB	Both	Yes	No
3m 12 Gb SAS Cable (mSAS HD)	12G	ACUC	Both	Yes	No
PurePOWER 12 Gb SAS Cable	12G	ACUE	Both	Yes	No
OEM 1 FC Order Indicator	12G	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	12G	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	12G	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	12G	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	12G	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	12G	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	12G	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	12G	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	12G	ACW9	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 10 FC Order Indicator	12G	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	12G	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	12G	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	12G	ACWD	MES	Yes	No
OEM 14 FC Order Indicator	12G	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	12G	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	12G	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	12G	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	12G	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	12G	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	12G	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	12G	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	12G	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	12G	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	12G	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	12G	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	12G	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	12G	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	12G	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	12G	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	12G	ACYF	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Generic Bezel	12G	ACZA	Initial	Yes	No
Generic Packaging	12G	ACZF	Initial	Yes	No
Storwize Expansion Bezel	12G	ACZK	MES	Yes	No
Order Type 1 Indicator - CTO	12G	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	12G	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	12G	ADN3	MES	Yes	No
Shipping and Handling NC	12G	AG00	Initial	Yes	No
Shipping and Handling FS5100	12G	AGC8	Initial	Yes	No
Power Cord - DC	12G	AHP4	Both	Yes	No
Power Cord - PDU C20	12G	AHP6	Both	Yes	No
AC Power Supply HE	12G	AHPA	Initial	Yes	No
DC Power Supply -48V	12G	AHPB	Initial	Yes	No
20A Circuit Breaker	12G	AHPC	Both	Yes	No
Future use - reserved 1	12G	AHY1	Initial	Yes	No
Future use - reserved 2	12G	AHY2	Initial	Yes	No
Future use - reserved 3	12G	AHY3	Initial	Yes	No
Future use - reserved 4	12G	AHY4	Initial	Yes	No
Future use - reserved 5	12G	AHY5	Initial	Yes	No
Future use - reserved 6	12G	AHY6	Initial	Yes	No
Future use - reserved 7	12G	AHY7	Initial	Yes	No
Future use - reserved 8	12G	AHY8	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Future use - reserved 9	12G	AHY9	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	12G	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	12G	EFD0	Initial	Yes	No
FlashSystem Expansion Bezel	24F	ACZM	MES	Yes	No
JEMT Indicator	24G	0021	Initial	Yes	No
TAA Compliance	24G	0983	Initial	Yes	No
Rack Indicator None	24G	4650	Initial	Yes	No
Rack Indicator Rack 1	24G	4651	Initial	Yes	No
Rack Indicator Rack 2	24G	4652	Initial	Yes	No
Rack Indicator Rack 3	24G	4653	Initial	Yes	No
Rack Indicator Rack 4	24G	4654	Initial	Yes	No
Rack Indicator Rack 5	24G	4655	Initial	Yes	No
Rack Indicator Rack 6	24G	4656	Initial	Yes	No
Rack Indicator Rack 7	24G	4657	Initial	Yes	No
Rack Indicator Rack 8	24G	4658	Initial	Yes	No
Rack Indicator Rack 9	24G	4659	Initial	Yes	No
Rack Indicator Rack 10	24G	4660	Initial	Yes	No
Rack Indicator Rack 11	24G	4661	Initial	Yes	No
Rack Indicator Rack 12	24G	4662	Initial	Yes	No
Rack Indicator Rack 13	24G	4663	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 14	24G	4664	Initial	Yes	No
Rack Indicator Rack 15	24G	4665	Initial	Yes	No
Rack Indicator Rack 16	24G	4666	Initial	Yes	No
Bulk Order Indicator	24G	5555	MES	Yes	No
Storage Subsystem ID 1	24G	9170	Initial	Yes	No
Storage Subsystem ID 2	24G	9171	Initial	Yes	No
Storage Subsystem ID 3	24G	9172	Initial	Yes	No
Storage Subsystem ID 4	24G	9173	Initial	Yes	No
Storage Subsystem ID 5	24G	9174	Initial	Yes	No
Storage Subsystem ID 6	24G	9175	Initial	Yes	No
Storage Subsystem ID 7	24G	9176	Initial	Yes	No
Storage Subsystem ID 8	24G	9177	Initial	Yes	No
Storage Subsystem ID 9	24G	9178	Initial	Yes	No
Storage Subsystem ID 10	24G	9179	Initial	Yes	No
Storage Subsystem ID 11	24G	9180	Initial	Yes	No
Storage Subsystem ID 12	24G	9181	Initial	Yes	No
Storage Subsystem ID 13	24G	9182	Initial	Yes	No
Storage Subsystem ID 14	24G	9183	Initial	Yes	No
Storage Subsystem ID 15	24G	9184	Initial	Yes	No
Storage Subsystem ID 16	24G	9185	Initial	Yes	No
Storage Subsystem ID 17	24G	9186	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 18	24G	9187	Initial	Yes	No
Storage Subsystem ID 19	24G	9188	Initial	Yes	No
Storage Subsystem ID 20	24G	9189	Initial	Yes	No
Month Indicator	24G	9461	Initial	Yes	No
Day Indicator	24G	9462	Initial	Yes	No
Hour Indicator	24G	9463	Initial	Yes	No
Minute Indicator	24G	9464	Initial	Yes	No
Quantity Indicator	24G	9465	Initial	Yes	No
Countable Member Indicator	24G	9466	Initial	Yes	No
Power Cord - EMEA	24G	9716	Both	Yes	No
Power Cord - Australia / New Zealand	24G	9717	Both	Yes	No
Power Cord - Europe / Africa	24G	9718	Both	Yes	No
Power Cord - Denmark	24G	9719	Both	Yes	No
Power Cord - South Africa	24G	9720	Both	Yes	No
Power Cord - Switzerland	24G	9721	Both	Yes	No
Power Cord - Chile / Italy	24G	9722	Both	Yes	No
Power Cord - Israel	24G	9723	Both	Yes	No
Power Cord - Argentina	24G	9725	Both	Yes	No
Power Cord - China	24G	9726	Both	Yes	No
Power Cord - PDU Connection	24G	9730	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Power Cord - US/ Group 1	24G	9731	Both	Yes	No
Power Cord - Taiwan	24G	9732	Both	Yes	No
Power Cord - Brazil	24G	9733	Both	Yes	No
Power Cord - India	24G	9734	Both	Yes	No
Power Cord - Japan	24G	9735	Both	Yes	No
Power Cord - Korea	24G	9736	Both	Yes	No
Power Cord - Chicago	24G	9737	Both	Yes	No
RFID AG/AP: 902-928 MHz	24G	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	24G	A2EW	Initial	Yes	No
900GB 10K 2.5 Inch HDD	24G	AC68	Both	Yes	No
1.2TB 10K 2.5 Inch HDD	24G	AC69	Both	Yes	No
1.8TB 10K 2.5 Inch HDD	24G	AC6A	Both	Yes	No
2.4TB 10K 2.5 Inch HDD	24G	AC6B	Both	Yes	No
2TB 7.2K 2.5 Inch NL HDD	24G	AC76	Both	Yes	No
400GB 2.5 Inch Flash Drive	24G	AC8C	Both	Yes	No
800GB 2.5 Inch Flash Drive	24G	AC8D	Both	Yes	No
1.6TB 2.5 Inch Flash Drive	24G	AC8E	Both	Yes	No
3.2TB 2.5 Inch Flash Drive	24G	AC8F	Both	Yes	No
800 GB 3DWPD 2.5 Inch Flash Drive	24G	AC8J	Both	Yes	No
1.92TB 2.5 Inch Flash Drive	24G	ACM0	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
3.84TB 2.5 Inch Flash Drive	24G	ACM1	Both	Yes	No
7.68TB 2.5Inch Flash Drive	24G	ACM2	Both	Yes	No
15.36TB 2.5Inch Flash Drive	24G	ACM3	Both	Yes	No
30.72 TB 2.5 Inch Flash Drive	24G	ACM4	Both	Yes	No
0.6m 12 Gb SAS Cable (mSAS HD)	24G	ACUA	Both	Yes	No
1.5m 12 Gb SAS Cable (mSAS HD)	24G	ACUB	Both	Yes	No
3m 12 Gb SAS Cable (mSAS HD)	24G	ACUC	Both	Yes	No
PurePOWER 12 Gb SAS Cable	24G	ACUE	Both	Yes	No
OEM 1 FC Order Indicator	24G	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	24G	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	24G	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	24G	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	24G	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	24G	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	24G	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	24G	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	24G	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	24G	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	24G	ACWB	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 12 FC Order Indicator	24G	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	24G	ACWD	MES	Yes	No
OEM 14 FC Order Indicator	24G	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	24G	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	24G	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	24G	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	24G	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	24G	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	24G	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	24G	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	24G	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	24G	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	24G	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	24G	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	24G	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	24G	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	24G	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	24G	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	24G	ACYF	Initial	Yes	No
Generic Bezel	24G	ACZA	Initial	Yes	No
Generic Packaging	24G	ACZF	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storwize Expansion Bezel	24G	ACZK	MES	Yes	No
Order Type 1 Indicator - CTO	24G	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	24G	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	24G	ADN3	MES	Yes	No
Shipping and Handling NC	24G	AG00	Initial	Yes	No
Shipping and Handling FS5100	24G	AGC8	Initial	Yes	No
Power Cord - DC	24G	AHP4	Both	Yes	No
Power Cord - PDU C20	24G	AHP6	Both	Yes	No
AC Power Supply HE	24G	AHPA	Initial	Yes	No
DC Power Supply -48V	24G	AHPB	Initial	Yes	No
20A Circuit Breaker	24G	AHPC	Both	Yes	No
Future use - reserved 1	24G	AHY1	Initial	Yes	No
Future use - reserved 2	24G	AHY2	Initial	Yes	No
Future use - reserved 3	24G	AHY3	Initial	Yes	No
Future use - reserved 4	24G	AHY4	Initial	Yes	No
Future use - reserved 5	24G	AHY5	Initial	Yes	No
Future use - reserved 6	24G	AHY6	Initial	Yes	No
Future use - reserved 7	24G	AHY7	Initial	Yes	No
Future use - reserved 8	24G	AHY8	Initial	Yes	No
Future use - reserved 9	24G	AHY9	Initial	Yes	No
VersaStack Solution Indicator	24G	AHZC	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
All Flash Solution Indicator	24G	AHZD	Initial	Yes	No
Hybrid Flash Indicator	24G	AHZE	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	24G	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	24G	EFD0	Initial	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	424	ACHV	Both	Yes	No
4.8 TB NVMe FlashCore Module	424	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	424	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	424	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	424	AES8	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	424	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	424	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	424	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	424	AETF	Both	Yes	No
Future use - reserved 1	424	AHY1	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Future use - reserved 2	424	AHY2	Initial	Yes	No
Future use - reserved 3	424	AHY3	Initial	Yes	No
Future use - reserved 4	424	AHY4	Initial	Yes	No
Future use - reserved 5	424	AHY5	Initial	Yes	No
Future use - reserved 6	424	AHY6	Initial	Yes	No
Future use - reserved 7	424	AHY7	Initial	Yes	No
Future use - reserved 8	424	AHY8	Initial	Yes	No
Future use - reserved 9	424	AHY9	Initial	Yes	No
Red Hat OpenShift Indicator	424	AJGH	Initial	Yes	No
JEMT Indicator	4H4	0021	Initial	Yes	No
TAA Compliance	4H4	0983	Initial	Yes	No
Rack Indicator None	4H4	4650	Initial	Yes	No
Rack Indicator Rack 1	4H4	4651	Initial	Yes	No
Rack Indicator Rack 2	4H4	4652	Initial	Yes	No
Rack Indicator Rack 3	4H4	4653	Initial	Yes	No
Rack Indicator Rack 4	4H4	4654	Initial	Yes	No
Rack Indicator Rack 5	4H4	4655	Initial	Yes	No
Rack Indicator Rack 6	4H4	4656	Initial	Yes	No
Rack Indicator Rack 7	4H4	4657	Initial	Yes	No
Rack Indicator Rack 8	4H4	4658	Initial	Yes	No
Rack Indicator Rack 9	4H4	4659	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 10	4H4	4660	Initial	Yes	No
Rack Indicator Rack 11	4H4	4661	Initial	Yes	No
Rack Indicator Rack 12	4H4	4662	Initial	Yes	No
Rack Indicator Rack 13	4H4	4663	Initial	Yes	No
Rack Indicator Rack 14	4H4	4664	Initial	Yes	No
Rack Indicator Rack 15	4H4	4665	Initial	Yes	No
Rack Indicator Rack 16	4H4	4666	Initial	Yes	No
Bulk Order Indicator	4H4	5555	MES	Yes	No
Storage Subsystem ID 1	4H4	9170	Initial	Yes	No
Storage Subsystem ID 2	4H4	9171	Initial	Yes	No
Storage Subsystem ID 3	4H4	9172	Initial	Yes	No
Storage Subsystem ID 4	4H4	9173	Initial	Yes	No
Storage Subsystem ID 5	4H4	9174	Initial	Yes	No
Storage Subsystem ID 6	4H4	9175	Initial	Yes	No
Storage Subsystem ID 7	4H4	9176	Initial	Yes	No
Storage Subsystem ID 8	4H4	9177	Initial	Yes	No
Storage Subsystem ID 9	4H4	9178	Initial	Yes	No
Storage Subsystem ID 10	4H4	9179	Initial	Yes	No
Storage Subsystem ID 11	4H4	9180	Initial	Yes	No
Storage Subsystem ID 12	4H4	9181	Initial	Yes	No
Storage Subsystem ID 13	4H4	9182	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 14	4H4	9183	Initial	Yes	No
Storage Subsystem ID 15	4H4	9184	Initial	Yes	No
Storage Subsystem ID 16	4H4	9185	Initial	Yes	No
Storage Subsystem ID 17	4H4	9186	Initial	Yes	No
Storage Subsystem ID 18	4H4	9187	Initial	Yes	No
Storage Subsystem ID 19	4H4	9188	Initial	Yes	No
Storage Subsystem ID 20	4H4	9189	Initial	Yes	No
Month Indicator	4H4	9461	Initial	Yes	No
Day Indicator	4H4	9462	Initial	Yes	No
Hour Indicator	4H4	9463	Initial	Yes	No
Minute Indicator	4H4	9464	Initial	Yes	No
Quantity Indicator	4H4	9465	Initial	Yes	No
Countable Member Indicator	4H4	9466	Initial	Yes	No
Power Cord - EMEA	4H4	9716	Both	Yes	No
Power Cord - Australia / New Zealand	4H4	9717	Both	Yes	No
Power Cord - Europe / Africa	4H4	9718	Both	Yes	No
Power Cord - Denmark	4H4	9719	Both	Yes	No
Power Cord - South Africa	4H4	9720	Both	Yes	No
Power Cord - Switzerland	4H4	9721	Both	Yes	No
Power Cord - Chile / Italy	4H4	9722	Both	Yes	No
Power Cord - Israel	4H4	9723	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Power Cord - Argentina	4H4	9725	Both	Yes	No
Power Cord - China	4H4	9726	Both	Yes	No
Power Cord - PDU Connection	4H4	9730	Both	Yes	No
Power Cord - Brazil	4H4	9733	Both	Yes	No
Power Cord - India	4H4	9734	Both	Yes	No
Power Cord - Korea	4H4	9736	Both	Yes	No
RFID AG/AP: 902-928 MHz	4H4	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	4H4	A2EW	Initial	Yes	No
32Gb FC Adapter Pair	4H4	ACB9	Both	Yes	No
SAS Enclosure Attach Card Pair	4H4	ACBA	Both	Yes	No
16Gb FC Adapter Pair	4H4	ACBB	Both	Yes	No
25GbE (RoCE) Adapter Pair	4H4	ACBE	Both	Yes	No
25GbE (iWARP) Adapter Pair	4H4	ACBF	Both	Yes	No
Encryption Enablement	4H4	ACE3	Both	Yes	No
Encryption USB Drive Pack	4H4	ACEC	Both	Yes	No
FS5100 64 GB Cache upgrade	4H4	ACGE	Both	Yes	No
FS5100 384 GB Cache upgrade	4H4	ACGF	Both	Yes	No
120 GB M.2 Boot drive Pair	4H4	ACGX	Initial	Yes	No
Manufacturing Indicator #2	4H4	ACGZ	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
16 Gb FC LW SFP Transceivers(Pair)	4H4	ACHU	Both	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	4H4	ACHV	Both	Yes	No
1m OM3 Fiber Cable (LC)	4H4	ACSQ	Both	Yes	No
5m OM3 Fiber Cable (LC)	4H4	ACSR	Both	Yes	No
10m OM3 Fiber Cable (LC)	4H4	ACSS	Both	Yes	No
25m OM3 Fiber Cable (LC)	4H4	ACST	Both	Yes	No
OEM 1 FC Order Indicator	4H4	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	4H4	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	4H4	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	4H4	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	4H4	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	4H4	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	4H4	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	4H4	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	4H4	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	4H4	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	4H4	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	4H4	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	4H4	ACWD	MES	Yes	No
OEM 14 FC Order Indicator	4H4	ACWE	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 15 FC Order Indicator	4H4	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	4H4	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	4H4	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	4H4	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	4H4	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	4H4	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	4H4	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	4H4	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	4H4	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	4H4	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	4H4	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	4H4	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	4H4	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	4H4	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	4H4	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	4H4	ACYF	Initial	Yes	No
Generic Bezel	4H4	ACZA	Initial	Yes	No
Generic Packaging	4H4	ACZF	Initial	Yes	No
Order Type 1 Indicator - CTO	4H4	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	4H4	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	4H4	ADN3	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
4.8 TB 2.5 Inch NVMe Flash Core Module	4H4	AES1	Both	Yes	No
9.6 TB 2.5 Inch NVMe Flash Core Module	4H4	AES2	Both	Yes	No
19.2 TB 2.5 Inch NVMe Flash Core Module	4H4	AES3	Both	Yes	No
4.8 TB NVMe FlashCore Module	4H4	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	4H4	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	4H4	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	4H4	AES8	Both	Yes	No
800 GB 2.5 Inch NVMe Flash Drive	4H4	AET1	Both	Yes	No
1.92 TB 2.5 Inch NVMe Flash Drive	4H4	AET2	Both	Yes	No
3.84 TB 2.5 Inch NVMe Flash Drive	4H4	AET3	Both	Yes	No
7.68 TB 2.5 Inch NVMe Flash Drive	4H4	AET4	Both	Yes	No
15.36 TB 2.5 Inch NVMe Flash Drive	4H4	AET5	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	4H4	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	4H4	AETB	Both	Yes	No
800 GB NVMe Storage Class	4H4	AETE	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Memory Drive					
1.6 TB NVMe Storage Class Memory Drive	4H4	AETF	Both	Yes	No
Shipping and Handling NC	4H4	AG00	Initial	Yes	No
Shipping and Handling FS5100	4H4	AGC8	Initial	Yes	No
Power Cord - PDU C20	4H4	AHP6	Both	Yes	No
Future use - reserved 1	4H4	AHY1	Initial	Yes	No
Future use - reserved 2	4H4	AHY2	Initial	Yes	No
Future use - reserved 3	4H4	AHY3	Initial	Yes	No
Future use - reserved 4	4H4	AHY4	Initial	Yes	No
Future use - reserved 5	4H4	AHY5	Initial	Yes	No
Future use - reserved 6	4H4	AHY6	Initial	Yes	No
Future use - reserved 7	4H4	AHY7	Initial	Yes	No
Future use - reserved 8	4H4	AHY8	Initial	Yes	No
Future use - reserved 9	4H4	AHY9	Initial	Yes	No
VersaStack Solution Indicator	4H4	AHZC	Initial	Yes	No
All Flash Solution Indicator	4H4	AHZD	Initial	Yes	No
Hybrid Flash Indicator	4H4	AHZE	Initial	Yes	No
Red Hat OpenShift Indicator	4H4	AJGH	Initial	Yes	No
CSC ORDER ROUTING INDICATOR	4H4	ECSM	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
-					
GUADALAJARA					
Route to Power Manufacturing Indicator	4H4	EFD0	Initial	Yes	No
FlashSystem Expansion Bezel	92F	ACZM	MES	Yes	No
JEMT Indicator	92G	0021	Initial	Yes	No
TAA Compliance	92G	0983	Initial	Yes	No
Rack Indicator None	92G	4650	Initial	Yes	No
Rack Indicator Rack 1	92G	4651	Initial	Yes	No
Rack Indicator Rack 2	92G	4652	Initial	Yes	No
Rack Indicator Rack 3	92G	4653	Initial	Yes	No
Rack Indicator Rack 4	92G	4654	Initial	Yes	No
Rack Indicator Rack 5	92G	4655	Initial	Yes	No
Rack Indicator Rack 6	92G	4656	Initial	Yes	No
Rack Indicator Rack 7	92G	4657	Initial	Yes	No
Rack Indicator Rack 8	92G	4658	Initial	Yes	No
Rack Indicator Rack 9	92G	4659	Initial	Yes	No
Rack Indicator Rack 10	92G	4660	Initial	Yes	No
Rack Indicator Rack 11	92G	4661	Initial	Yes	No
Rack Indicator Rack 12	92G	4662	Initial	Yes	No
Rack Indicator Rack 13	92G	4663	Initial	Yes	No
Rack Indicator Rack 14	92G	4664	Initial	Yes	No
Rack Indicator Rack 15	92G	4665	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 16	92G	4666	Initial	Yes	No
Bulk Order Indicator	92G	5555	MES	Yes	No
Storage Subsystem ID 1	92G	9170	Initial	Yes	No
Storage Subsystem ID 2	92G	9171	Initial	Yes	No
Storage Subsystem ID 3	92G	9172	Initial	Yes	No
Storage Subsystem ID 4	92G	9173	Initial	Yes	No
Storage Subsystem ID 5	92G	9174	Initial	Yes	No
Storage Subsystem ID 6	92G	9175	Initial	Yes	No
Storage Subsystem ID 7	92G	9176	Initial	Yes	No
Storage Subsystem ID 8	92G	9177	Initial	Yes	No
Storage Subsystem ID 9	92G	9178	Initial	Yes	No
Storage Subsystem ID 10	92G	9179	Initial	Yes	No
Storage Subsystem ID 11	92G	9180	Initial	Yes	No
Storage Subsystem ID 12	92G	9181	Initial	Yes	No
Storage Subsystem ID 13	92G	9182	Initial	Yes	No
Storage Subsystem ID 14	92G	9183	Initial	Yes	No
Storage Subsystem ID 15	92G	9184	Initial	Yes	No
Storage Subsystem ID 16	92G	9185	Initial	Yes	No
Storage Subsystem ID 17	92G	9186	Initial	Yes	No
Storage Subsystem ID 18	92G	9187	Initial	Yes	No
Storage Subsystem ID 19	92G	9188	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 20	92G	9189	Initial	Yes	No
Month Indicator	92G	9461	Initial	Yes	No
Day Indicator	92G	9462	Initial	Yes	No
Hour Indicator	92G	9463	Initial	Yes	No
Minute Indicator	92G	9464	Initial	Yes	No
Quantity Indicator	92G	9465	Initial	Yes	No
Countable Member Indicator	92G	9466	Initial	Yes	No
RFID AG/AP: 902-928 MHz	92G	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	92G	A2EW	Initial	Yes	No
600GB 15K 3.5 Inch HDD	92G	ACP0	Both	Yes	No
900GB 15K 3.5 Inch HDD	92G	ACP1	Both	Yes	No
1.2TB 10K 3.5 Inch HDD	92G	ACP3	Both	Yes	No
1.8TB 10K 3.5 Inch HDD	92G	ACP4	Both	Yes	No
2.4TB 10K 3.5 Inch HDD	92G	ACP5	Both	Yes	No
6TB 7.2K 3.5 Inch NL HDD	92G	ACP7	Both	Yes	No
8TB 7.2K 3.5 Inch NL HDD	92G	ACP8	Both	Yes	No
10TB 7.2K 3.5 Inch NL HDD	92G	ACP9	Both	Yes	No
12TB 7.2K 3.5 Inch NL HDD	92G	ACPA	Both	Yes	No
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	92G	ACPB	Both	Yes	No
1.6TB 3.5 Inch Flash Drive	92G	ACPD	Both	Yes	No
3.2TB 3.5 Inch Flash Drive	92G	ACPE	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
1.92TB 3.5 Inch Flash Drive	92G	ACPJ	Both	Yes	No
3.84TB 3.5 Inch Flash Drive	92G	ACPK	Both	Yes	No
7.68TB 3.5 Inch Flash Drive	92G	ACPL	Both	Yes	No
15.36TB 3.5 Inch Flash Drive	92G	ACPM	Both	Yes	No
30.72TB 12.5 Inch Flash Drive	92G	ACPN	Both	Yes	No
3m 12 Gb SAS Cable (mSAS HD)	92G	ACUC	Both	Yes	No
PurePOWER 12 Gb SAS Cable	92G	ACUE	Both	Yes	No
OEM 1 FC Order Indicator	92G	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	92G	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	92G	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	92G	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	92G	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	92G	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	92G	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	92G	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	92G	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	92G	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	92G	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	92G	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	92G	ACWD	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 14 FC Order Indicator	92G	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	92G	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	92G	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	92G	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	92G	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	92G	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	92G	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	92G	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	92G	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	92G	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	92G	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	92G	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	92G	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	92G	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	92G	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	92G	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	92G	ACYF	Initial	Yes	No
Generic Bezel	92G	ACZA	Initial	Yes	No
Generic Packaging	92G	ACZF	Initial	Yes	No
Storwize Expansion Bezel	92G	ACZK	MES	Yes	No
Order Type 1 Indicator - CTO	92G	ADN1	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Order Type 2 Indicator - MTM Only	92G	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	92G	ADN3	MES	Yes	No
Shipping and Handling NC	92G	AG00	Initial	Yes	No
Shipping and Handling FS5100	92G	AGC8	Initial	Yes	No
Power Cord - PDU HD Exp.	92G	AHP5	Both	Yes	No
Future use - reserved 1	92G	AHY1	Initial	Yes	No
Future use - reserved 2	92G	AHY2	Initial	Yes	No
Future use - reserved 3	92G	AHY3	Initial	Yes	No
Future use - reserved 4	92G	AHY4	Initial	Yes	No
Future use - reserved 5	92G	AHY5	Initial	Yes	No
Future use - reserved 6	92G	AHY6	Initial	Yes	No
Future use - reserved 7	92G	AHY7	Initial	Yes	No
Future use - reserved 8	92G	AHY8	Initial	Yes	No
Future use - reserved 9	92G	AHY9	Initial	Yes	No
VersaStack Solution Indicator	92G	AHZC	Initial	Yes	No
All Flash Solution Indicator	92G	AHZD	Initial	Yes	No
Hybrid Flash Indicator	92G	AHZE	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	92G	ECSM	Both	Yes	No
Route to Power	92G	EFD0	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Manufacturing Indicator					
FlashSystem Expansion Bezel	A9F	ACZM	MES	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	AF4	ACHV	Both	Yes	No
4.8 TB NVMe FlashCore Module	AF4	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	AF4	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	AF4	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	AF4	AES8	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	AF4	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	AF4	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	AF4	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	AF4	AETF	Both	Yes	No
FlashSystem Expansion Bezel	AFF	ACZM	MES	Yes	No

The following are newly announced features and models on the specified models of the IBM System Storage 2078 machine type:

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
IBM FlashSystem 5100 LFF Expansion Enclosure	12G		Both	Yes	

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
IBM FlashSystem 5100 SFF Expansion Enclosure	24G		Both	Yes	
IBM FlashSystem 5100 NVMe Control Enclosure	4H4		Both	Yes	
IBM FlashSystem 5100 High Density Expansion Enclosure	92G		Both	Yes	
IBM FlashSystem 5100 Utility NVMe Control Enclosure	UHB		Both	Yes	
FlashSystem Expansion Bezel	12F	ACZM	MES	Yes	No
JEMT Indicator	12G	0021	Initial	Yes	No
TAA Compliance	12G	0983	Initial	Yes	No
Rack Indicator None	12G	4650	Initial	Yes	No
Rack Indicator Rack 1	12G	4651	Initial	Yes	No
Rack Indicator Rack 2	12G	4652	Initial	Yes	No
Rack Indicator Rack 3	12G	4653	Initial	Yes	No
Rack Indicator Rack 4	12G	4654	Initial	Yes	No
Rack Indicator Rack 5	12G	4655	Initial	Yes	No
Rack Indicator Rack 6	12G	4656	Initial	Yes	No
Rack Indicator Rack 7	12G	4657	Initial	Yes	No
Rack Indicator Rack 8	12G	4658	Initial	Yes	No
Rack Indicator Rack 9	12G	4659	Initial	Yes	No
Rack Indicator Rack 10	12G	4660	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 11	12G	4661	Initial	Yes	No
Rack Indicator Rack 12	12G	4662	Initial	Yes	No
Rack Indicator Rack 13	12G	4663	Initial	Yes	No
Rack Indicator Rack 14	12G	4664	Initial	Yes	No
Rack Indicator Rack 15	12G	4665	Initial	Yes	No
Rack Indicator Rack 16	12G	4666	Initial	Yes	No
Bulk Order Indicator	12G	5555	MES	Yes	No
Storage Subsystem ID 1	12G	9170	Initial	Yes	No
Storage Subsystem ID 2	12G	9171	Initial	Yes	No
Storage Subsystem ID 3	12G	9172	Initial	Yes	No
Storage Subsystem ID 4	12G	9173	Initial	Yes	No
Storage Subsystem ID 5	12G	9174	Initial	Yes	No
Storage Subsystem ID 6	12G	9175	Initial	Yes	No
Storage Subsystem ID 7	12G	9176	Initial	Yes	No
Storage Subsystem ID 8	12G	9177	Initial	Yes	No
Storage Subsystem ID 9	12G	9178	Initial	Yes	No
Storage Subsystem ID 10	12G	9179	Initial	Yes	No
Storage Subsystem ID 11	12G	9180	Initial	Yes	No
Storage Subsystem ID 12	12G	9181	Initial	Yes	No
Storage Subsystem ID 13	12G	9182	Initial	Yes	No
Storage Subsystem ID 14	12G	9183	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 15	12G	9184	Initial	Yes	No
Storage Subsystem ID 16	12G	9185	Initial	Yes	No
Storage Subsystem ID 17	12G	9186	Initial	Yes	No
Storage Subsystem ID 18	12G	9187	Initial	Yes	No
Storage Subsystem ID 19	12G	9188	Initial	Yes	No
Storage Subsystem ID 20	12G	9189	Initial	Yes	No
Month Indicator	12G	9461	Initial	Yes	No
Day Indicator	12G	9462	Initial	Yes	No
Hour Indicator	12G	9463	Initial	Yes	No
Minute Indicator	12G	9464	Initial	Yes	No
Quantity Indicator	12G	9465	Initial	Yes	No
Countable Member Indicator	12G	9466	Initial	Yes	No
Power Cord - EMEA	12G	9716	Both	Yes	No
Power Cord - Australia / New Zealand	12G	9717	Both	Yes	No
Power Cord - Europe / Africa	12G	9718	Both	Yes	No
Power Cord - Denmark	12G	9719	Both	Yes	No
Power Cord - South Africa	12G	9720	Both	Yes	No
Power Cord - Switzerland	12G	9721	Both	Yes	No
Power Cord - Chile / Italy	12G	9722	Both	Yes	No
Power Cord - Israel	12G	9723	Both	Yes	No
Power Cord - Argentina	12G	9725	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Power Cord - China	12G	9726	Both	Yes	No
Power Cord - PDU Connection	12G	9730	Both	Yes	No
Power Cord - US/ Group 1	12G	9731	Both	Yes	No
Power Cord - Taiwan	12G	9732	Both	Yes	No
Power Cord - Brazil	12G	9733	Both	Yes	No
Power Cord - India	12G	9734	Both	Yes	No
Power Cord - Japan	12G	9735	Both	Yes	No
Power Cord - Korea	12G	9736	Both	Yes	No
Power Cord - Chicago	12G	9737	Both	Yes	No
RFID AG/AP: 902-928 MHz	12G	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	12G	A2EW	Initial	Yes	No
900GB 10K 3.5 Inch HDD	12G	AC27	Both	Yes	No
1.2TB 10K 3.5 Inch HDD	12G	AC28	Both	Yes	No
1.8TB 10K 3.5 Inch HDD	12G	AC29	Both	Yes	No
2.4TB 10K 3.5 Inch HDD	12G	AC2A	Both	Yes	No
4TB 7.2K 3.5 Inch NL HDD	12G	AC39	Both	Yes	No
6TB 7.2K 3.5 Inch NL HDD	12G	AC3A	Both	Yes	No
8TB 7.2K 3.5 Inch NL HDD	12G	AC3B	Both	Yes	No
10TB 7.2K 3.5 Inch NL HDD	12G	AC3C	Both	Yes	No
12TB 7.2K 3.5 Inch NL HDD	12G	AC3D	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	12G	AC3E	Both	Yes	No
0.6m 12 Gb SAS Cable (mSAS HD)	12G	ACUA	Both	Yes	No
1.5m 12 Gb SAS Cable (mSAS HD)	12G	ACUB	Both	Yes	No
3m 12 Gb SAS Cable (mSAS HD)	12G	ACUC	Both	Yes	No
PurePOWER 12 Gb SAS Cable	12G	ACUE	Both	Yes	No
OEM 1 FC Order Indicator	12G	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	12G	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	12G	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	12G	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	12G	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	12G	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	12G	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	12G	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	12G	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	12G	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	12G	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	12G	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	12G	ACWD	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 14 FC Order Indicator	12G	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	12G	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	12G	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	12G	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	12G	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	12G	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	12G	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	12G	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	12G	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	12G	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	12G	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	12G	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	12G	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	12G	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	12G	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	12G	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	12G	ACYF	Initial	Yes	No
Generic Bezel	12G	ACZA	Initial	Yes	No
Generic Packaging	12G	ACZF	Initial	Yes	No
Storwize Expansion Bezel	12G	ACZK	MES	Yes	No
Order Type 1 Indicator - CTO	12G	ADN1	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Order Type 2 Indicator - MTM Only	12G	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	12G	ADN3	MES	Yes	No
Shipping and Handling NC	12G	AG00	Initial	Yes	No
Shipping and Handling FS5100	12G	AGC8	Initial	Yes	No
OEM Bulk Option AHL2	12G	AHL2	MES	Yes	No
OEM Bulk option AHLD	12G	AHLD	MES	Yes	No
OEM Bulk Option AHM2	12G	AHM2	MES	Yes	No
OEM Bulk Option AHMD	12G	AHMD	MES	Yes	No
Power Cord - DC	12G	AHP4	Both	Yes	No
Power Cord - PDU C20	12G	AHP6	Both	Yes	No
AC Power Supply HE	12G	AHPA	Initial	Yes	No
DC Power Supply -48V	12G	AHPB	Initial	Yes	No
20A Circuit Breaker	12G	AHPC	Both	Yes	No
Future use - reserved 1	12G	AHY1	Initial	Yes	No
Future use - reserved 2	12G	AHY2	Initial	Yes	No
Future use - reserved 3	12G	AHY3	Initial	Yes	No
Future use - reserved 4	12G	AHY4	Initial	Yes	No
Future use - reserved 5	12G	AHY5	Initial	Yes	No
Future use - reserved 6	12G	AHY6	Initial	Yes	No
Future use - reserved 7	12G	AHY7	Initial	Yes	No
Future use - reserved 8	12G	AHY8	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Future use - reserved 9	12G	AHY9	Initial	Yes	No
Hybrid Flash Indicator	12G	AHZE	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	12G	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	12G	EFD0	Initial	Yes	No
FlashSystem Expansion Bezel	24F	ACZM	MES	Yes	No
JEMT Indicator	24G	0021	Initial	Yes	No
TAA Compliance	24G	0983	Initial	Yes	No
Rack Indicator None	24G	4650	Initial	Yes	No
Rack Indicator Rack 1	24G	4651	Initial	Yes	No
Rack Indicator Rack 2	24G	4652	Initial	Yes	No
Rack Indicator Rack 3	24G	4653	Initial	Yes	No
Rack Indicator Rack 4	24G	4654	Initial	Yes	No
Rack Indicator Rack 5	24G	4655	Initial	Yes	No
Rack Indicator Rack 6	24G	4656	Initial	Yes	No
Rack Indicator Rack 7	24G	4657	Initial	Yes	No
Rack Indicator Rack 8	24G	4658	Initial	Yes	No
Rack Indicator Rack 9	24G	4659	Initial	Yes	No
Rack Indicator Rack 10	24G	4660	Initial	Yes	No
Rack Indicator Rack 11	24G	4661	Initial	Yes	No
Rack Indicator Rack 12	24G	4662	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 13	24G	4663	Initial	Yes	No
Rack Indicator Rack 14	24G	4664	Initial	Yes	No
Rack Indicator Rack 15	24G	4665	Initial	Yes	No
Rack Indicator Rack 16	24G	4666	Initial	Yes	No
Bulk Order Indicator	24G	5555	MES	Yes	No
Storage Subsystem ID 1	24G	9170	Initial	Yes	No
Storage Subsystem ID 2	24G	9171	Initial	Yes	No
Storage Subsystem ID 3	24G	9172	Initial	Yes	No
Storage Subsystem ID 4	24G	9173	Initial	Yes	No
Storage Subsystem ID 5	24G	9174	Initial	Yes	No
Storage Subsystem ID 6	24G	9175	Initial	Yes	No
Storage Subsystem ID 7	24G	9176	Initial	Yes	No
Storage Subsystem ID 8	24G	9177	Initial	Yes	No
Storage Subsystem ID 9	24G	9178	Initial	Yes	No
Storage Subsystem ID 10	24G	9179	Initial	Yes	No
Storage Subsystem ID 11	24G	9180	Initial	Yes	No
Storage Subsystem ID 12	24G	9181	Initial	Yes	No
Storage Subsystem ID 13	24G	9182	Initial	Yes	No
Storage Subsystem ID 14	24G	9183	Initial	Yes	No
Storage Subsystem ID 15	24G	9184	Initial	Yes	No
Storage Subsystem ID 16	24G	9185	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 17	24G	9186	Initial	Yes	No
Storage Subsystem ID 18	24G	9187	Initial	Yes	No
Storage Subsystem ID 19	24G	9188	Initial	Yes	No
Storage Subsystem ID 20	24G	9189	Initial	Yes	No
Month Indicator	24G	9461	Initial	Yes	No
Day Indicator	24G	9462	Initial	Yes	No
Hour Indicator	24G	9463	Initial	Yes	No
Minute Indicator	24G	9464	Initial	Yes	No
Quantity Indicator	24G	9465	Initial	Yes	No
Countable Member Indicator	24G	9466	Initial	Yes	No
Power Cord - EMEA	24G	9716	Both	Yes	No
Power Cord - Australia / New Zealand	24G	9717	Both	Yes	No
Power Cord - Europe / Africa	24G	9718	Both	Yes	No
Power Cord - Denmark	24G	9719	Both	Yes	No
Power Cord - South Africa	24G	9720	Both	Yes	No
Power Cord - Switzerland	24G	9721	Both	Yes	No
Power Cord - Chile / Italy	24G	9722	Both	Yes	No
Power Cord - Israel	24G	9723	Both	Yes	No
Power Cord - Argentina	24G	9725	Both	Yes	No
Power Cord - China	24G	9726	Both	Yes	No
Power Cord	24G	9730	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
- PDU Connection					
Power Cord - US/ Group 1	24G	9731	Both	Yes	No
Power Cord - Taiwan	24G	9732	Both	Yes	No
Power Cord - Brazil	24G	9733	Both	Yes	No
Power Cord - India	24G	9734	Both	Yes	No
Power Cord - Japan	24G	9735	Both	Yes	No
Power Cord - Korea	24G	9736	Both	Yes	No
Power Cord - Chicago	24G	9737	Both	Yes	No
RFID AG/AP: 902-928 MHz	24G	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	24G	A2EW	Initial	Yes	No
900GB 10K 2.5 Inch HDD	24G	AC68	Both	Yes	No
1.2TB 10K 2.5 Inch HDD	24G	AC69	Both	Yes	No
1.8TB 10K 2.5 Inch HDD	24G	AC6A	Both	Yes	No
2.4TB 10K 2.5 Inch HDD	24G	AC6B	Both	Yes	No
2TB 7.2K 2.5 Inch NL HDD	24G	AC76	Both	Yes	No
400GB 2.5 Inch Flash Drive	24G	AC9C	Both	Yes	No
800GB 2.5 Inch Flash Drive	24G	AC9D	Both	Yes	No
1.6TB 2.5 Inch Flash Drive	24G	AC9E	Both	Yes	No
3.2TB 2.5 Inch Flash Drive	24G	AC9F	Both	Yes	No
800GB 3DWPD 2.5 Inch Flash Drive	24G	AC9J	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
1.92TB 2.5 Inch Flash Drive	24G	ACN0	Both	Yes	No
3.84TB 12 Gb SAS 2.5 Inch Flash Drive	24G	ACN1	Both	Yes	No
7.68TB 2.5Inch Flash Drive	24G	ACN2	Both	Yes	No
15.36TB 2.5Inch Flash Drive	24G	ACN3	Both	Yes	No
30.72TB 2.5 Inch Flash Drive	24G	ACN4	Both	Yes	No
PurePOWER 12 Gb SAS Cable	24G	ACUE	Both	Yes	No
OEM Bulk Option 608	24G	ACV2	MES	Yes	No
OEM Bulk Option 609	24G	ACV3	MES	Yes	No
OEM 1 FC Order Indicator	24G	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	24G	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	24G	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	24G	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	24G	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	24G	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	24G	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	24G	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	24G	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	24G	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	24G	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	24G	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	24G	ACWD	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 14 FC Order Indicator	24G	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	24G	ACWF	MES	Yes	No
OEM Bulk Option 601	24G	ACXF	MES	Yes	No
OEM Bulk Option 602	24G	ACXG	MES	Yes	No
OEM Bulk Option 603	24G	ACXH	MES	Yes	No
OEM Bulk Option 604	24G	ACXJ	MES	Yes	No
OEM 1 MTM Order Indicator	24G	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	24G	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	24G	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	24G	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	24G	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	24G	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	24G	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	24G	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	24G	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	24G	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	24G	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	24G	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	24G	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	24G	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	24G	ACYF	Initial	Yes	No
Generic Bezel	24G	ACZA	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Generic Packaging	24G	ACZF	Initial	Yes	No
Storwize Expansion Bezel	24G	ACZK	MES	Yes	No
Order Type 1 Indicator - CTO	24G	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	24G	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	24G	ADN3	MES	Yes	No
Shipping and Handling NC	24G	AG00	Initial	Yes	No
Shipping and Handling FS5100	24G	AGC8	Initial	Yes	No
OEM Bulk Option AHLE	24G	AHLE	MES	Yes	No
OEM Bulk Option AHLF	24G	AHLF	MES	Yes	No
OEM Bulk Option AHLJ	24G	AHLJ	MES	Yes	No
OEM Bulk Option AHME	24G	AHME	MES	Yes	No
OEM Bulk Option AHMF	24G	AHMF	MES	Yes	No
OEM Bulk Option AHMJ	24G	AHMJ	MES	Yes	No
Power Cord - DC	24G	AHP4	Both	Yes	No
Power Cord - PDU C20	24G	AHP6	Both	Yes	No
AC Power Supply HE	24G	AHPA	Initial	Yes	No
DC Power Supply -48V	24G	AHPB	Initial	Yes	No
20A Circuit Breaker	24G	AHPC	Both	Yes	No
Future use - reserved 1	24G	AHY1	Initial	Yes	No
Future use - reserved 2	24G	AHY2	Initial	Yes	No
Future use - reserved 3	24G	AHY3	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Future use - reserved 4	24G	AHY4	Initial	Yes	No
Future use - reserved 5	24G	AHY5	Initial	Yes	No
Future use - reserved 6	24G	AHY6	Initial	Yes	No
Future use - reserved 7	24G	AHY7	Initial	Yes	No
Future use - reserved 8	24G	AHY8	Initial	Yes	No
Future use - reserved 9	24G	AHY9	Initial	Yes	No
VersaStack Solution Indicator	24G	AHZC	Initial	Yes	No
All Flash Solution Indicator	24G	AHZD	Initial	Yes	No
Hybrid Flash Indicator	24G	AHZE	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	24G	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	24G	EFD0	Initial	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	424	ACHV	Both	Yes	No
4.8 TB NVMe FlashCore Module	424	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	424	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	424	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	424	AES8	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	424	AETA	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
750 GB NVMe Storage Class Memory Drive	424	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	424	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	424	AETF	Both	Yes	No
Future use - reserved 1	424	AHY1	Initial	Yes	No
Future use - reserved 2	424	AHY2	Initial	Yes	No
Future use - reserved 3	424	AHY3	Initial	Yes	No
Future use - reserved 4	424	AHY4	Initial	Yes	No
Future use - reserved 5	424	AHY5	Initial	Yes	No
Future use - reserved 6	424	AHY6	Initial	Yes	No
Future use - reserved 7	424	AHY7	Initial	Yes	No
Future use - reserved 8	424	AHY8	Initial	Yes	No
Future use - reserved 9	424	AHY9	Initial	Yes	No
Red Hat OpenShift Indicator	424	AJGH	Initial	Yes	No
JEMT Indicator	4H4	0021	Initial	Yes	No
TAA Compliance	4H4	0983	Initial	Yes	No
Rack Indicator None	4H4	4650	Initial	Yes	No
Rack Indicator Rack 1	4H4	4651	Initial	Yes	No
Rack Indicator Rack 2	4H4	4652	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 3	4H4	4653	Initial	Yes	No
Rack Indicator Rack 4	4H4	4654	Initial	Yes	No
Rack Indicator Rack 5	4H4	4655	Initial	Yes	No
Rack Indicator Rack 6	4H4	4656	Initial	Yes	No
Rack Indicator Rack 7	4H4	4657	Initial	Yes	No
Rack Indicator Rack 8	4H4	4658	Initial	Yes	No
Rack Indicator Rack 9	4H4	4659	Initial	Yes	No
Rack Indicator Rack 10	4H4	4660	Initial	Yes	No
Rack Indicator Rack 11	4H4	4661	Initial	Yes	No
Rack Indicator Rack 12	4H4	4662	Initial	Yes	No
Rack Indicator Rack 13	4H4	4663	Initial	Yes	No
Rack Indicator Rack 14	4H4	4664	Initial	Yes	No
Rack Indicator Rack 15	4H4	4665	Initial	Yes	No
Rack Indicator Rack 16	4H4	4666	Initial	Yes	No
Bulk Order Indicator	4H4	5555	MES	Yes	No
Storage Subsystem ID 1	4H4	9170	Initial	Yes	No
Storage Subsystem ID 2	4H4	9171	Initial	Yes	No
Storage Subsystem ID 3	4H4	9172	Initial	Yes	No
Storage Subsystem ID 4	4H4	9173	Initial	Yes	No
Storage Subsystem ID 5	4H4	9174	Initial	Yes	No
Storage Subsystem ID 6	4H4	9175	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 7	4H4	9176	Initial	Yes	No
Storage Subsystem ID 8	4H4	9177	Initial	Yes	No
Storage Subsystem ID 9	4H4	9178	Initial	Yes	No
Storage Subsystem ID 10	4H4	9179	Initial	Yes	No
Storage Subsystem ID 11	4H4	9180	Initial	Yes	No
Storage Subsystem ID 12	4H4	9181	Initial	Yes	No
Storage Subsystem ID 13	4H4	9182	Initial	Yes	No
Storage Subsystem ID 14	4H4	9183	Initial	Yes	No
Storage Subsystem ID 15	4H4	9184	Initial	Yes	No
Storage Subsystem ID 16	4H4	9185	Initial	Yes	No
Storage Subsystem ID 17	4H4	9186	Initial	Yes	No
Storage Subsystem ID 18	4H4	9187	Initial	Yes	No
Storage Subsystem ID 19	4H4	9188	Initial	Yes	No
Storage Subsystem ID 20	4H4	9189	Initial	Yes	No
Month Indicator	4H4	9461	Initial	Yes	No
Day Indicator	4H4	9462	Initial	Yes	No
Hour Indicator	4H4	9463	Initial	Yes	No
Minute Indicator	4H4	9464	Initial	Yes	No
Quantity Indicator	4H4	9465	Initial	Yes	No
Countable Member Indicator	4H4	9466	Initial	Yes	No
Power Cord - EMEA	4H4	9716	Both	Yes	No
Power Cord - Australia /	4H4	9717	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
New Zealand					
Power Cord - Europe / Africa	4H4	9718	Both	Yes	No
Power Cord - Denmark	4H4	9719	Both	Yes	No
Power Cord - South Africa	4H4	9720	Both	Yes	No
Power Cord - Switzerland	4H4	9721	Both	Yes	No
Power Cord - Chile / Italy	4H4	9722	Both	Yes	No
Power Cord - Israel	4H4	9723	Both	Yes	No
Power Cord - Argentina	4H4	9725	Both	Yes	No
Power Cord - China	4H4	9726	Both	Yes	No
Power Cord - PDU Connection	4H4	9730	Both	Yes	No
Power Cord - Brazil	4H4	9733	Both	Yes	No
Power Cord - India	4H4	9734	Both	Yes	No
Power Cord - Korea	4H4	9736	Both	Yes	No
RFID AG/AP: 902-928 MHz	4H4	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	4H4	A2EW	Initial	Yes	No
32Gb FC Adapter Pair	4H4	ACB9	Both	Yes	No
SAS Enclosure Attach Card Pair	4H4	ACBA	Both	Yes	No
16Gb FC Adapter Pair	4H4	ACBB	Both	Yes	No
25GbE (RoCE)	4H4	ACBE	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Adapter Pair					
25GbE (iWARP) Adapter Pair	4H4	ACBF	Both	Yes	No
Encryption Enablement	4H4	ACE4	Both	Yes	No
Encryption USB Drive Pack	4H4	ACEC	Both	Yes	No
FS5100 64 GB Cache upgrade	4H4	ACGE	Both	Yes	No
FS5100 384 GB Cache upgrade	4H4	ACGF	Both	Yes	No
120 GB M.2 Boot drive Pair	4H4	ACGX	Initial	Yes	No
Manufacturing Indicator #2	4H4	ACGZ	Initial	Yes	No
16 Gb FC LW SFP Transceivers (Pair)	4H4	ACHU	Both	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	4H4	ACHV	Both	Yes	No
1m OM3 Fiber Cable (LC)	4H4	ACSQ	Both	Yes	No
5m OM3 Fiber Cable (LC)	4H4	ACSR	Both	Yes	No
10m OM3 Fiber Cable (LC)	4H4	ACSS	Both	Yes	No
25m OM3 Fiber Cable (LC)	4H4	ACST	Both	Yes	No
OEM 1 FC Order Indicator	4H4	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	4H4	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	4H4	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	4H4	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	4H4	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	4H4	ACW6	MES	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 7 FC Order Indicator	4H4	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	4H4	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	4H4	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	4H4	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	4H4	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	4H4	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	4H4	ACWD	MES	Yes	No
OEM 14 FC Order Indicator	4H4	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	4H4	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	4H4	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	4H4	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	4H4	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	4H4	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	4H4	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	4H4	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	4H4	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	4H4	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	4H4	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	4H4	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	4H4	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	4H4	ACYC	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 13 MTM Order Indicator	4H4	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	4H4	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	4H4	ACYF	Initial	Yes	No
Generic Bezel	4H4	ACZA	Initial	Yes	No
Generic Packaging	4H4	ACZF	Initial	Yes	No
Order Type 1 Indicator - CTO	4H4	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	4H4	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	4H4	ADN3	MES	Yes	No
375 GB NVMe Storage Class Memory Drive	4H4	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	4H4	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	4H4	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	4H4	AETF	Both	Yes	No
4.8 TB 2.5 Inch NVMe Flash Core Module	4H4	AES1	Both	Yes	No
9.6 TB 2.5 Inch NVMe Flash Core Module	4H4	AES2	Both	Yes	No
19.2 TB 2.5 Inch NVMe Flash Core Module	4H4	AES3	Both	Yes	No
4.8 TB NVMe FlashCore Module	4H4	AES5	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
9.6 TB NVMe FlashCore Module	4H4	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	4H4	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	4H4	AES8	Both	Yes	No
800 GB 2.5 Inch NVMe Flash Drive	4H4	AET1	Both	Yes	No
1.92 TB 2.5 Inch NVMe Flash Drive	4H4	AET2	Both	Yes	No
3.84 TB 2.5 Inch NVMe Flash Drive	4H4	AET3	Both	Yes	No
7.68 TB 2.5 Inch NVMe Flash Drive	4H4	AET4	Both	Yes	No
15.36 TB 2.5 Inch NVMe Flash Drive	4H4	AET5	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	4H4	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	4H4	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	4H4	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	4H4	AETF	Both	Yes	No
Shipping and Handling NC	4H4	AG00	Initial	Yes	No
Shipping and Handling FS5100	4H4	AGC8	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Power Cord - PDU C20	4H4	AHP6	Both	Yes	No
Future use - reserved 1	4H4	AHY1	Initial	Yes	No
Future use - reserved 2	4H4	AHY2	Initial	Yes	No
Future use - reserved 3	4H4	AHY3	Initial	Yes	No
Future use - reserved 4	4H4	AHY4	Initial	Yes	No
Future use - reserved 5	4H4	AHY5	Initial	Yes	No
Future use - reserved 6	4H4	AHY6	Initial	Yes	No
Future use - reserved 7	4H4	AHY7	Initial	Yes	No
Future use - reserved 8	4H4	AHY8	Initial	Yes	No
Future use - reserved 9	4H4	AHY9	Initial	Yes	No
VersaStack Solution Indicator	4H4	AHZC	Initial	Yes	No
All Flash Solution Indicator	4H4	AHZD	Initial	Yes	No
Hybrid Flash Indicator	4H4	AHZE	Initial	Yes	No
Red Hat OpenShift Indicator	4H4	AJGH	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	4H4	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	4H4	EFD0	Initial	Yes	No
FlashSystem Expansion Bezel	92F	ACZM	MES	Yes	No
JEMT Indicator	92G	0021	Initial	Yes	No
TAA Compliance	92G	0983	Initial	Yes	No
Rack Indicator None	92G	4650	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 1	92G	4651	Initial	Yes	No
Rack Indicator Rack 2	92G	4652	Initial	Yes	No
Rack Indicator Rack 3	92G	4653	Initial	Yes	No
Rack Indicator Rack 4	92G	4654	Initial	Yes	No
Rack Indicator Rack 5	92G	4655	Initial	Yes	No
Rack Indicator Rack 6	92G	4656	Initial	Yes	No
Rack Indicator Rack 7	92G	4657	Initial	Yes	No
Rack Indicator Rack 8	92G	4658	Initial	Yes	No
Rack Indicator Rack 9	92G	4659	Initial	Yes	No
Rack Indicator Rack 10	92G	4660	Initial	Yes	No
Rack Indicator Rack 11	92G	4661	Initial	Yes	No
Rack Indicator Rack 12	92G	4662	Initial	Yes	No
Rack Indicator Rack 13	92G	4663	Initial	Yes	No
Rack Indicator Rack 14	92G	4664	Initial	Yes	No
Rack Indicator Rack 15	92G	4665	Initial	Yes	No
Rack Indicator Rack 16	92G	4666	Initial	Yes	No
Bulk Order Indicator	92G	5555	MES	Yes	No
Storage Subsystem ID 1	92G	9170	Initial	Yes	No
Storage Subsystem ID 2	92G	9171	Initial	Yes	No
Storage Subsystem ID 3	92G	9172	Initial	Yes	No
Storage Subsystem ID 4	92G	9173	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 5	92G	9174	Initial	Yes	No
Storage Subsystem ID 6	92G	9175	Initial	Yes	No
Storage Subsystem ID 7	92G	9176	Initial	Yes	No
Storage Subsystem ID 8	92G	9177	Initial	Yes	No
Storage Subsystem ID 9	92G	9178	Initial	Yes	No
Storage Subsystem ID 10	92G	9179	Initial	Yes	No
Storage Subsystem ID 11	92G	9180	Initial	Yes	No
Storage Subsystem ID 12	92G	9181	Initial	Yes	No
Storage Subsystem ID 13	92G	9182	Initial	Yes	No
Storage Subsystem ID 14	92G	9183	Initial	Yes	No
Storage Subsystem ID 15	92G	9184	Initial	Yes	No
Storage Subsystem ID 16	92G	9185	Initial	Yes	No
Storage Subsystem ID 17	92G	9186	Initial	Yes	No
Storage Subsystem ID 18	92G	9187	Initial	Yes	No
Storage Subsystem ID 19	92G	9188	Initial	Yes	No
Storage Subsystem ID 20	92G	9189	Initial	Yes	No
Month Indicator	92G	9461	Initial	Yes	No
Day Indicator	92G	9462	Initial	Yes	No
Hour Indicator	92G	9463	Initial	Yes	No
Minute Indicator	92G	9464	Initial	Yes	No
Quantity Indicator	92G	9465	Initial	Yes	No
Countable Member Indicator	92G	9466	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
RFID AG/AP: 902-928 MHz	92G	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	92G	A2EW	Initial	Yes	No
600GB 15K 3.5 Inch HDD	92G	ACP0	Both	Yes	No
900GB 15K 3.5 Inch HDD	92G	ACP1	Both	Yes	No
1.2TB 10K 3.5 Inch HDD	92G	ACP3	Both	Yes	No
1.8TB 10K 3.5 Inch HDD	92G	ACP4	Both	Yes	No
2.4TB 10K 3.5 Inch HDD	92G	ACP5	Both	Yes	No
6TB 7.2K 3.5 Inch NL HDD	92G	ACP7	Both	Yes	No
8TB 7.2K 3.5 Inch NL HDD	92G	ACP8	Both	Yes	No
10TB 7.2K 3.5 Inch NL HDD	92G	ACP9	Both	Yes	No
12TB 7.2K 3.5 Inch NL HDD	92G	ACPA	Both	Yes	No
14 TB 7,200 rpm 12 Gb SAS NL 3.5 Inch HDD	92G	ACPB	Both	Yes	No
1.6TB 3.5 Inch Flash Drive	92G	ACQD	Both	Yes	No
3.2TB 3.5 Inch Flash Drive	92G	ACQE	Both	Yes	No
1.92TB 3.5 Inch Flash Drive	92G	ACQJ	Both	Yes	No
3.84TB 3.5 Inch Flash Drive	92G	ACQK	Both	Yes	No
7.68TB 3.5 Inch Flash Drive	92G	ACQL	Both	Yes	No
15.36TB 3.5 Inch Flash Drive	92G	ACQM	Both	Yes	No
30.72TB 3.5 Inch Flash Drive	92G	ACQN	Both	Yes	No
3m 12 Gb SAS Cable	92G	ACUC	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
(mSAS HD)					
PurePOWER 12 Gb SAS Cable	92G	ACUE	Both	Yes	No
OEM 1 FC Order Indicator	92G	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	92G	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	92G	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	92G	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	92G	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	92G	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	92G	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	92G	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	92G	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	92G	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	92G	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	92G	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	92G	ACWD	MES	Yes	No
OEM 14 FC Order Indicator	92G	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	92G	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	92G	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	92G	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	92G	ACY3	Initial	Yes	No
OEM 4 MTM Order Indicator	92G	ACY4	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 5 MTM Order Indicator	92G	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	92G	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	92G	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	92G	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	92G	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	92G	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	92G	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	92G	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	92G	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	92G	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	92G	ACYF	Initial	Yes	No
Generic Bezel	92G	ACZA	Initial	Yes	No
Generic Packaging	92G	ACZF	Initial	Yes	No
Storwise Expansion Bezel	92G	ACZK	MES	Yes	No
Order Type 1 Indicator - CTO	92G	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	92G	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	92G	ADN3	MES	Yes	No
Shipping and Handling NC	92G	AG00	Initial	Yes	No
Shipping and Handling FS5100	92G	AGC8	Initial	Yes	No
Power Cord - PDU HD Exp.	92G	AHP5	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Future use - reserved 1	92G	AHY1	Initial	Yes	No
Future use - reserved 2	92G	AHY2	Initial	Yes	No
Future use - reserved 3	92G	AHY3	Initial	Yes	No
Future use - reserved 4	92G	AHY4	Initial	Yes	No
Future use - reserved 5	92G	AHY5	Initial	Yes	No
Future use - reserved 6	92G	AHY6	Initial	Yes	No
Future use - reserved 7	92G	AHY7	Initial	Yes	No
Future use - reserved 8	92G	AHY8	Initial	Yes	No
Future use - reserved 9	92G	AHY9	Initial	Yes	No
VersaStack Solution Indicator	92G	AHZC	Initial	Yes	No
All Flash Solution Indicator	92G	AHZD	Initial	Yes	No
Hybrid Flash Indicator	92G	AHZE	Initial	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	92G	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	92G	EFD0	Initial	Yes	No
FlashSystem Expansion Bezel	A9F	ACZM	MES	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	AF4	ACHV	Both	Yes	No
4.8 TB NVMe FlashCore Module	AF4	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	AF4	AES6	Both	Yes	No
19.2 TB NVMe	AF4	AES7	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
FlashCore Module					
38.4 TB NVMe FlashCore Module	AF4	AES8	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	AF4	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	AF4	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	AF4	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	AF4	AETF	Both	Yes	No
FlashSystem Expansion Bezel	AFF	ACZM	MES	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	U5B	ACHV	Both	Yes	No
4.8 TB NVMe FlashCore Module	U5B	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	U5B	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	U5B	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	U5B	AES8	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	U5B	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	U5B	AETB	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
800 GB NVMe Storage Class Memory Drive	U5B	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	U5B	AETF	Both	Yes	No
Red Hat OpenShift Indicator	U5B	AJGH	Initial	Yes	No
JEMT Indicator	UHB	0021	Initial	Yes	No
TAA Compliance	UHB	0983	Initial	Yes	No
Rack Indicator None	UHB	4650	Initial	Yes	No
Rack Indicator Rack 1	UHB	4651	Initial	Yes	No
Rack Indicator Rack 2	UHB	4652	Initial	Yes	No
Rack Indicator Rack 3	UHB	4653	Initial	Yes	No
Rack Indicator Rack 4	UHB	4654	Initial	Yes	No
Rack Indicator Rack 5	UHB	4655	Initial	Yes	No
Rack Indicator Rack 6	UHB	4656	Initial	Yes	No
Rack Indicator Rack 7	UHB	4657	Initial	Yes	No
Rack Indicator Rack 8	UHB	4658	Initial	Yes	No
Rack Indicator Rack 9	UHB	4659	Initial	Yes	No
Rack Indicator Rack 10	UHB	4660	Initial	Yes	No
Rack Indicator Rack 11	UHB	4661	Initial	Yes	No
Rack Indicator Rack 12	UHB	4662	Initial	Yes	No
Rack Indicator Rack 13	UHB	4663	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Rack Indicator Rack 14	UHB	4664	Initial	Yes	No
Rack Indicator Rack 15	UHB	4665	Initial	Yes	No
Rack Indicator Rack 16	UHB	4666	Initial	Yes	No
Bulk Order Indicator	UHB	5555	MES	Yes	No
Storage Subsystem ID 1	UHB	9170	Initial	Yes	No
Storage Subsystem ID 2	UHB	9171	Initial	Yes	No
Storage Subsystem ID 3	UHB	9172	Initial	Yes	No
Storage Subsystem ID 4	UHB	9173	Initial	Yes	No
Storage Subsystem ID 5	UHB	9174	Initial	Yes	No
Storage Subsystem ID 6	UHB	9175	Initial	Yes	No
Storage Subsystem ID 7	UHB	9176	Initial	Yes	No
Storage Subsystem ID 8	UHB	9177	Initial	Yes	No
Storage Subsystem ID 9	UHB	9178	Initial	Yes	No
Storage Subsystem ID 10	UHB	9179	Initial	Yes	No
Storage Subsystem ID 11	UHB	9180	Initial	Yes	No
Storage Subsystem ID 12	UHB	9181	Initial	Yes	No
Storage Subsystem ID 13	UHB	9182	Initial	Yes	No
Storage Subsystem ID 14	UHB	9183	Initial	Yes	No
Storage Subsystem ID 15	UHB	9184	Initial	Yes	No
Storage Subsystem ID 16	UHB	9185	Initial	Yes	No
Storage Subsystem ID 17	UHB	9186	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Storage Subsystem ID 18	UHB	9187	Initial	Yes	No
Storage Subsystem ID 19	UHB	9188	Initial	Yes	No
Storage Subsystem ID 20	UHB	9189	Initial	Yes	No
Month Indicator	UHB	9461	Initial	Yes	No
Day Indicator	UHB	9462	Initial	Yes	No
Hour Indicator	UHB	9463	Initial	Yes	No
Minute Indicator	UHB	9464	Initial	Yes	No
Quantity Indicator	UHB	9465	Initial	Yes	No
Countable Member Indicator	UHB	9466	Initial	Yes	No
Power Cord - EMEA	UHB	9716	Both	Yes	No
Power Cord - Australia / New Zealand	UHB	9717	Both	Yes	No
Power Cord - Europe / Africa	UHB	9718	Both	Yes	No
Power Cord - Denmark	UHB	9719	Both	Yes	No
Power Cord - South Africa	UHB	9720	Both	Yes	No
Power Cord - Switzerland	UHB	9721	Both	Yes	No
Power Cord - Chile / Italy	UHB	9722	Both	Yes	No
Power Cord - Israel	UHB	9723	Both	Yes	No
Power Cord - Argentina	UHB	9725	Both	Yes	No
Power Cord - China	UHB	9726	Both	Yes	No
Power Cord - PDU Connection	UHB	9730	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Power Cord - Brazil	UHB	9733	Both	Yes	No
Power Cord - India	UHB	9734	Both	Yes	No
Power Cord - Korea	UHB	9736	Both	Yes	No
RFID AG/AP: 902-928 MHz	UHB	A2EV	Initial	Yes	No
RFID EMEA: 865.6-867.8 MHz	UHB	A2EW	Initial	Yes	No
32Gb FC Adapter Pair	UHB	ACB9	Both	Yes	No
SAS Enclosure Attach Card Pair	UHB	ACBA	Both	Yes	No
16Gb FC Adapter Pair	UHB	ACBB	Both	Yes	No
25GbE (RoCE) Adapter Pair	UHB	ACBE	Both	Yes	No
25GbE (iWARP) Adapter Pair	UHB	ACBF	Both	Yes	No
Encryption Enablement	UHB	ACE4	Both	Yes	No
Encryption USB Drive Pack	UHB	ACEC	Both	Yes	No
FS5100 64 GB Cache upgrade	UHB	ACGE	Both	Yes	No
FS5100 384 GB Cache upgrade	UHB	ACGF	Both	Yes	No
120 GB M.2 Boot drive Pair	UHB	ACGX	Initial	Yes	No
Manufacturing Indicator #2	UHB	ACGZ	Initial	Yes	No
16 Gb FC LW SFP Transceivers(Pair)	UHB	ACHU	Both	Yes	No
32 Gb FC LW SFP Transceivers (Pair)	UHB	ACHV	Both	Yes	No
1m OM3 Fiber Cable (LC)	UHB	ACSQ	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
5m OM3 Fiber Cable (LC)	UHB	ACSR	Both	Yes	No
10m OM3 Fiber Cable (LC)	UHB	ACSS	Both	Yes	No
25m OM3 Fiber Cable (LC)	UHB	ACST	Both	Yes	No
OEM 1 FC Order Indicator	UHB	ACW1	MES	Yes	No
OEM 2 FC Order Indicator	UHB	ACW2	MES	Yes	No
OEM 3 FC Order Indicator	UHB	ACW3	MES	Yes	No
OEM 4 FC Order Indicator	UHB	ACW4	MES	Yes	No
OEM 5 FC Order Indicator	UHB	ACW5	MES	Yes	No
OEM 6 FC Order Indicator	UHB	ACW6	MES	Yes	No
OEM 7 FC Order Indicator	UHB	ACW7	MES	Yes	No
OEM 8 FC Order Indicator	UHB	ACW8	MES	Yes	No
OEM 9 FC Order Indicator	UHB	ACW9	MES	Yes	No
OEM 10 FC Order Indicator	UHB	ACWA	MES	Yes	No
OEM 11 FC Order Indicator	UHB	ACWB	MES	Yes	No
OEM 12 FC Order Indicator	UHB	ACWC	MES	Yes	No
OEM 13 FC Order Indicator	UHB	ACWD	MES	Yes	No
OEM 14 FC Order Indicator	UHB	ACWE	MES	Yes	No
OEM 15 FC Order Indicator	UHB	ACWF	MES	Yes	No
OEM 1 MTM Order Indicator	UHB	ACY1	Initial	Yes	No
OEM 2 MTM Order Indicator	UHB	ACY2	Initial	Yes	No
OEM 3 MTM Order Indicator	UHB	ACY3	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
OEM 4 MTM Order Indicator	UHB	ACY4	Initial	Yes	No
OEM 5 MTM Order Indicator	UHB	ACY5	Initial	Yes	No
OEM 6 MTM Order Indicator	UHB	ACY6	Initial	Yes	No
OEM 7 MTM Order Indicator	UHB	ACY7	Initial	Yes	No
OEM 8 MTM Order Indicator	UHB	ACY8	Initial	Yes	No
OEM 9 MTM Order Indicator	UHB	ACY9	Initial	Yes	No
OEM 10 MTM Order Indicator	UHB	ACYA	Initial	Yes	No
OEM 11 MTM Order Indicator	UHB	ACYB	Initial	Yes	No
OEM 12 MTM Order Indicator	UHB	ACYC	Initial	Yes	No
OEM 13 MTM Order Indicator	UHB	ACYD	Initial	Yes	No
OEM 14 MTM Order Indicator	UHB	ACYE	Initial	Yes	No
OEM 15 MTM Order Indicator	UHB	ACYF	Initial	Yes	No
Generic Bezel	UHB	ACZA	Initial	Yes	No
Generic Packaging	UHB	ACZF	Initial	Yes	No
Order Type 1 Indicator - CTO	UHB	ADN1	Initial	Yes	No
Order Type 2 Indicator - MTM Only	UHB	ADN2	Initial	Yes	No
Order Type 3 Indicator - FC Only	UHB	ADN3	MES	Yes	No
375 GB NVMe Storage Class Memory Drive	UHB	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	UHB	AETB	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
800 GB NVMe Storage Class Memory Drive	UHB	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	UHB	AETF	Both	Yes	No
Variable Usage 1TB/month	UHB	AE00	MES	Yes	No
Variable Usage 10TB/month	UHB	AE01	MES	Yes	No
Variable Usage 100TB/month	UHB	AE02	MES	Yes	No
4.8 TB 2.5 Inch NVMe Flash Core Module	UHB	AES1	Both	Yes	No
9.6 TB 2.5 Inch NVMe Flash Core Module	UHB	AES2	Both	Yes	No
19.2 TB 2.5 Inch NVMe Flash Core Module	UHB	AES3	Both	Yes	No
4.8 TB NVMe FlashCore Module	UHB	AES5	Both	Yes	No
9.6 TB NVMe FlashCore Module	UHB	AES6	Both	Yes	No
19.2 TB NVMe FlashCore Module	UHB	AES7	Both	Yes	No
38.4 TB NVMe FlashCore Module	UHB	AES8	Both	Yes	No
800 GB 2.5 Inch NVMe Flash Drive	UHB	AET1	Both	Yes	No
1.92 TB 2.5 Inch NVMe Flash Drive	UHB	AET2	Both	Yes	No
3.84 TB 2.5 Inch NVMe Flash Drive	UHB	AET3	Both	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
7.68 TB 2.5 Inch NVMe Flash Drive	UHB	AET4	Both	Yes	No
15.36 TB 2.5 Inch NVMe Flash Drive	UHB	AET5	Both	Yes	No
375 GB NVMe Storage Class Memory Drive	UHB	AETA	Both	Yes	No
750 GB NVMe Storage Class Memory Drive	UHB	AETB	Both	Yes	No
800 GB NVMe Storage Class Memory Drive	UHB	AETE	Both	Yes	No
1.6 TB NVMe Storage Class Memory Drive	UHB	AETF	Both	Yes	No
Shipping and Handling NC	UHB	AG00	Initial	Yes	No
Shipping and Handling FS5100	UHB	AGC8	Initial	Yes	No
Power Cord - PDU C20	UHB	AHP6	Both	Yes	No
Future use - reserved 1	UHB	AHY1	Initial	Yes	No
Future use - reserved 2	UHB	AHY2	Initial	Yes	No
Future use - reserved 3	UHB	AHY3	Initial	Yes	No
Future use - reserved 4	UHB	AHY4	Initial	Yes	No
Future use - reserved 5	UHB	AHY5	Initial	Yes	No
Future use - reserved 6	UHB	AHY6	Initial	Yes	No
Future use - reserved 7	UHB	AHY7	Initial	Yes	No

Description	Model number	Feature	Initial / MES / Both / Support	CSU	RP MES
Future use - reserved 8	UHB	AHY8	Initial	Yes	No
Future use - reserved 9	UHB	AHY9	Initial	Yes	No
VersaStack Solution Indicator	UHB	AHZC	Initial	Yes	No
All Flash Solution Indicator	UHB	AHZD	Initial	Yes	No
Hybrid Flash Indicator	UHB	AHZE	Initial	Yes	No
Red Hat OpenShift Indicator	UHB	AJGH	Initial	Yes	No
No Ship MES	UHB	AQQQ	MES	Yes	No
CSC ORDER ROUTING INDICATOR - GUADALAJARA	UHB	ECSM	Both	Yes	No
Route to Power Manufacturing Indicator	UHB	EFD0	Initial	Yes	No

CSU = Customer setup

RP MES = Returnable parts MES

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Corrections

(Corrected on February 19, 2020)

The [Machine installation](#) section has been updated.