

Hardware withdrawal: Select IBM Power Systems features

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Overview

Effective September 13, 2022, and December 30, 2022, IBM^(R) will withdraw from marketing the following products.

On or after the effective dates of withdrawal, you can no longer order these products directly from IBM.

You can obtain the products on an as-available basis through IBM Business Partners.

If you have a continuing need for these features, go to the [IBM Certified Pre-owned Equipment](#) website to check on availability or utilize the request a quote to communicate your specific requirements. IBM Certified Pre-owned Equipment has the largest inventory of used IBM systems that are refurbished, tested, and warranted for a minimum of 90 days.

Withdrawn products

The following select features are being withdrawn on the specified models of the IBM Power^(R) machine types:

Effective September 13, 2022

Description	Machine type	Model number	Feature number
i5/OS Version V5R3 Specify	9117	MMA	0530
i5/OS Version V5R3 Specify	9119	FHA	0530
Zero-priced Processor Activation for #8334	8233	E8B	2324
One Processor of 5250 Enterprise Enablement	8233	E8B	4988
One Processor of 5250 Enterprise Enablement	9109	RMD	4988
Full 5250 Enterprise Enablement	8233	E8B	4989
Full 5250 Enterprise Enablement	9109	RMD	4989
Single 5250 Enterprise Enablement	9117	MMB	4992

Description	Machine type	Model number	Feature number
Single 5250 Enterprise Enablement	9117	MMC	4992
Single 5250 Enterprise Enablement	9117	MMD	4992
Single 5250 Enterprise Enablement	9179	MHB	4992
Single 5250 Enterprise Enablement	9179	MHC	4992
Single 5250 Enterprise Enablement	9179	MHD	4992
Full 5250 Enterprise Enablement	9117	MMB	4997
Full 5250 Enterprise Enablement	9117	MMC	4997
Full 5250 Enterprise Enablement	9117	MMD	4997
Full 5250 Enterprise Enablement	9179	MHB	4997
Full 5250 Enterprise Enablement	9179	MHC	4997
Full 5250 Enterprise Enablement	9179	MHD	4997
PCIe2 LP 4-port 1GbE Adapter	8247	21L	5260
PCIe2 LP 4-port 1GbE Adapter	8247	22L	5260
PCIe2 LP 4-port 1GbE Adapter	8335	GCA	5260
PCIe2 LP 4-port 1GbE Adapter	8335	GTA	5260
PCIe2 LP 4-port 1GbE Adapter	8348	21C	5260
Advanced POWER ^(R) Virtualization for Express Configurations	7988	J21	5400
Advanced POWER Virtualization for 4-core Configurations	7988	J21	5405
PowerVM ^(R) Standard Edition	7998	60X	5406
Advanced POWER Virtualization for 2-core Configurations	7988	J21	5407
PowerVM Standard Edition	7778	23X	5429
PowerVM Enterprise Edition	7778	23X	5607
Model Upgrade Carry-Over	9119	FHB	5808

Description	Machine type	Model number	Feature number
Indicator for #5794			
Model Upgrade Carry-Over Indicator for converted #4643 with DCA	9119	FHB	5809
Migrated Bolt-on rack	9119	FHB	5881
Migrated Self-Powered rack	9119	FHB	5882
1GB Carry-Over Activation	9119	FHB	5883
256GBs Carry-Over Activation	9119	FHB	5884
PCIe2 4-port 1GbE Adapter	8247	21L	5899
PCIe2 4-port 1GbE Adapter	8247	22L	5899
PCIe2 4-port 1GbE Adapter	8247	42L	5899
PCIe2 4-port 1GbE Adapter	8335	GCA	5899
PCIe2 4-port 1GbE Adapter	9043	MRX	5899
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	8408	44E	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	8408	E8D	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	8408	E8E	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	8412	EAD	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9109	RMD	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9117	MMA	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9117	MMB	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9117	MMC	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9117	MMD	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9179	MHB	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9179	MHC	6470
Power Cord 1.8m (6-ft), Drawer to Wall (125V/15A)	9179	MHD	6470
Power Distribution Unit	8408	44E	7188

Description	Machine type	Model number	Feature number
On/Off Processor Billing for FCs 8967 and 7704	9119	FHA	7592
On/Off Processor Billing for FCs 8968 and 7705	9119	FHA	7593
On/Off Processor Billing Day for FC 8338	9117	570	7624
On/Off Processor day billing for FC 7782	9117	570	7718
One Processor Activation for Processor Feature #7537- Express	8234	EMA	7722
PowerVM Standard	8233	E8B	7794
PowerVM Standard	9109	RMD	7794
PowerVM Enterprise	8233	E8B	7795
PowerVM Enterprise	9109	RMD	7795
30 Days Prepaid Reserve Capacity for #7981	9119	595	7926
30 Days Prepaid Reserve Capacity for #7981	9119	FHA	7926
Advanced POWER Virtualization	9118	575	7944
PowerVM-Standard	9125	F2A	7949
On/Off Processor Day Billing for Feature 7830	9117	570	7952
On/Off Processor Day Billing for Feature 7832	9117	570	7953
On/Off Processor Day Billing for Feature 7833	9117	570	7955
On/Off Memory 1GB-Day Billing	9117	570	7957
On/Off Processor Billing for Feature #7813, #7731, #8969, #7586	9119	FHA	7972
On/Off Memory Billing	9119	FHA	7974
30 Days Prepaid Reserve Capacity for #7813 (MES orders only), #8969	9119	FHA	7975
PowerVM Enterprise	8204	E8A	7986
Advanced POWER Virtualization	9119	FHA	7992
On/Off Processor Billing for Feature #7981 or #7730	9119	595	7993
On/Off Processor Billing for Feature #7981 or #7730	9119	FHA	7993

Description	Machine type	Model number	Feature number
PowerVM-Enterprise Edition	8234	EMA	7995
PowerVM-Enterprise Edition	8412	EAD	7995
PowerVM-Enterprise Edition	9117	MMA	7995
PowerVM-Enterprise Edition	9117	MMB	7995
PowerVM-Enterprise Edition	9117	MMC	7995
PowerVM-Enterprise Edition	9117	MMD	7995
PowerVM-Enterprise Edition	9179	MHB	7995
PowerVM-Enterprise Edition	9179	MHC	7995
PowerVM-Enterprise Edition	9179	MHD	7995
On/Off Processor Billing for Feature #7988 or #7732	9119	FHA	7996
PowerVM-Enterprise	9125	F2A	8024
Zero-priced Processor Activation for #8350	8202	E4B	8363
Zero-priced Processor Activation for #8350	8231	E2B	8363
Zero-priced Processor Activation for #8355	8205	E6B	8371
Zero-priced Processor Entitlement for IBM BladeCenter PS701/PS702	8406	71Y	8412
Zero-priced Processor Entitlement for IBM BladeCenter PS703/PS704	7891	73X	8415
Zero-priced Processor Entitlement for IBM BladeCenter PS703/PS704	7891	74X	8415
Reserve Capacity Prepaid for #8967	9119	FHA	8467
Reserve Capacity Prepaid for #8968	9119	FHA	8468
PowerVM Enterprise	8203	E4A	8507
PowerVM Enterprise	8261	E4S	8507
Ubuntu Linux ^(R) License Core Counter	9043	MRX	9450
IBM i 6.1.1 Native I/O Enablement	8202	E4D	EB34
IBM i 6.1.1 Native I/O Enablement	8205	E6D	EB34

Description	Machine type	Model number	Feature number
IBM i 6.1.1 Native I/O Enablement	8231	E1D	EB34
IBM i 6.1.1 Native I/O Enablement	8231	E2D	EB34
IBM i 6.1.1 Native I/O Enablement	8268	E1D	EB34
IBM i 6.1.1 Native I/O Enablement	9117	MMD	EB34
IBM i 6.1.1 Native I/O Enablement	9179	MHD	EB34
PCIe3 LP 2-Port 25/10Gb NIC&ROCE SR/Cu Adapter	9043	MRX	EC2T
SAP HANA TRACKING FEATURE	9105	22B	EHKV
SAP HANA TRACKING FEATURE	9105	41B	EHKV
PCIe3 Optical Cable Adapter for PCIe3 Expansion Drawer	9008	22L	EJ05
PCIe3 Optical Cable Adapter for PCIe3 Expansion Drawer	9009	22A	EJ05
PCIe3 Optical Cable Adapter for PCIe3 Expansion Drawer	9009	22G	EJ05
PCIe3 Optical Cable Adapter for PCIe3 Expansion Drawer	9223	22H	EJ05
PCIe3 Optical Cable Adapter for PCIe3 Expansion Drawer	9223	22S	EJ05
PCIe3 SAS Tape/DVD Adapter Quad-port 6Gb x8	9043	MRX	EJ10
One Zero Priced Processor Core Activation for Feature #ELP3	8247	21L	ELA3
One Zero Priced Processor Core Activation for Feature #ELP4	8247	22L	ELA4
One Zero Priced Processor Core Activation for Feature #ELPD	8247	21L	ELAD
One Zero Priced Processor Core Activation for Feature #ELPD	8247	22L	ELAD
One Processor Core Activation for #ELPF	8247	22L	ELAF
One Processor Core Activation for #ELPH	8247	42L	ELAH

Description	Machine type	Model number	Feature number
One Processor Core Activation for #ELPJ	8247	42L	ELAJ
IBM Power Private Cloud Rack Solution Indicator	9009	22G	ELG2
Power IFL Processor Activation	9117	MMB	ELJ4
Power IFL Processor Activation	9117	MMC	ELJ4
Power IFL Processor Activation	9117	MMD	ELJ4
Power IFL Processor Activation	9179	MHC	ELJ4
Power IFL Processor Activation	9179	MHD	ELJ4
Power IFL Processor Activation	8408	E8E	ELJK
Power IFL Processor Activation	8408	E8E	ELJL
Power IFL Processor Activation	8408	E8E	ELJM
Power Integrated Facility for Linux Package	8408	E8E	ELJN
Power IFL Processor Activation	8408	44E	ELNK
Power IFL Processor Activation	8408	44E	ELNL
Power IFL Processor Activation	8408	44E	ELNM
Power Integrated Facility for Linux Package	8408	44E	ELNN
Power IFL PowerVM for Linux	8408	44E	ELNQ
100 GB Mobile Memory Activation	9117	MMD	EMA4
100 GB Mobile Memory Activation	9179	MHD	EMA4
1GB Memory Activation	8408	44E	EMAA
1GB Memory Activation	8408	E8E	EMAA
Quantity of 100 1GB Memory Activations	8408	44E	EMAB
Quantity of 100 1GB Memory Activations	8408	E8E	EMAB
100 GB Mobile Enabled Memory Activations	9117	MMD	EMAG

Description	Machine type	Model number	Feature number
100 GB Mobile Enabled Memory Activations	9179	MHD	EMAG
Five Hundred and Twelve Memory Activations for IFL & HANA Solution	8408	44E	EMB9
Five Hundred and Twelve Memory Activations for IFL & HANA Solution	8408	E8E	EMB9
On/Off 100 GB-Days, Memory Billing POWER7	8412	EAD	EMJ3
On/Off 100 GB-Days, Memory Billing POWER7	9117	MMB	EMJ3
On/Off 100 GB-Days, Memory Billing POWER7	9117	MMC	EMJ3
On/Off 100 GB-Days, Memory Billing POWER7	9117	MMD	EMJ3
On/Off 100 GB-Days, Memory Billing POWER7	9179	MHB	EMJ3
On/Off 100 GB-Days, Memory Billing POWER7	9179	MHC	EMJ3
On/Off 100 GB-Days, Memory Billing POWER7	9179	MHD	EMJ3
PCIe3 16Gb 2-port Fibre Channel Adapter	9043	MRX	EN0A
1-Core Mobile Activation	9117	MMD	EP22
1-Core Mobile Activation	9179	MHD	EP23
Zero-priced Processor Activation for #EPA2	8233	E8B	EPF2
Zero-priced Processor Activation for #EPA3	8233	E8B	EPF3
#EPH0 Processor Activation, Mobile Enabled	9179	MHD	EPHL
#EPH2 Processor Activation, Mobile Enabled	9179	MHD	EPHM
\$0 48 Proc-Days of On/Off CoD Temporary Processor Resources	9179	MHD	EPJ0
\$0 24 Proc-Days of On/Off CoD Temporary Processor Resources	9179	MHD	EPJ2
100 Processor-Minutes Utility CoD	8408	E8E	EPJY

Description	Machine type	Model number	Feature number
Billing for #EPV2, AIX ^(R) /Linux			
100 Processor-Minutes Utility CoD Billing for #EPV4, AIX/Linux	8408	E8E	EPK2
100 Processor-Minutes Utility CoD Billing for #EPV6, AIX/Linux	8408	E8E	EPK5
100 Processor-Minutes Elastic CoD Billing for #EPW4, AIX/Linux	8408	44E	EPKC
100 Processor-Minutes Elastic CoD Billing for #EPW5, AIX/Linux	8408	44E	EPKF
100 Processor-Minutes Elastic CoD Billing for #EPW6, AIX/Linux	8408	44E	EPKJ
#EPM0 Processor Activation, Mobile Enabled	9117	MMD	EPMC
#EPM1 Processor Activation, Mobile Enabled	9117	MMD	EPMD
570 Processor Days Activation for #EPWA/ESYA	8284	22A	EPNA
570 Processor Days Activation for #EPWB/ESYB	8284	22A	EPNB
570 Processor Days Activation for #EPWC/ESYC	8284	22A	EPNC
570 Processor Days Activation for #EPWD/ESYD	8284	22A	EPND
570 Processor Days Activation for #EPWE/ESYE	8284	22A	EPNE
570 Processor Days Activation for #EPWF/ESYF	8284	22A	EPNF
570 Processor Days Activation for #EPWG/ESYG	8284	22A	EPNG
570 Processor Days Activation for #EPWH/ESYH	8284	22A	EPNH
570 Processor Days Activation for #EPWJ/ESYJ	8284	22A	EPNJ
1 Core Processor Activation for #EPV2	8408	E8E	EPV9
1 Core Processor Activation for #EPV4	8408	E8E	EPVD

Description	Machine type	Model number	Feature number
1 Core Processor Activation for #EPV6	8408	E8E	EPVH
PowerVM-Standard Edition	8408	E8E	EPVU
1 core processor activation for #EPW4	8408	44E	EPW7
1 core processor activation for #EPW5	8408	44E	EPW8
1 core processor activation for #EPW6	8408	44E	EPW9
One Processor Core Activation for #EPX0	8286	41A	EPY0
One Processor Core Activation for #EPX1	8284	22A	EPY1
One Processor Core activation for #EPX6	8286	41A	EPY6
One Processor Core Activation for #EPXD	8284	22A	EPYD
One Processor Core Activation for #EPXE	8286	42A	EPYE
One Processor Core Activation for #EPXF	8286	42A	EPYF
One Processor Core Activation for #EPXH	8286	42A	EPYH
One Processor Core Activation for #EPXK	8286	41A	EPYK
One Processor Core Activation for #EPXL	8284	22A	EPYL
One Processor Core Activation for #EPXN	8284	22A	EPYN
One Proc Activation for #EPXP	8284	21A	EPYP
One Proc Activation for #EPXQ	8284	21A	EPYQ
<i>Feature #EPZ0 is not available in People's Republic of China, Hong Kong S.A.R. of the PRC, Marco S.A.R. of the PRC and Taiwan.</i>			
One Zero-Priced Processor Core Activation for #EPX0	8286	41A	EPZ0
<i>Feature #EPZ6 is not available in People's Republic of China, Hong Kong S.A.R. of the PRC, Marco S.A.R. of the PRC and Taiwan.</i>			
One Zero-Priced Processor Core Activation for #EPX6	8286	41A	EPZ6
One Zero-Priced Processor core	8286	41A	EPZK

Description	Machine type	Model number	Feature number
Activation for #EPXK			
1 core processor activation for #ESPD	8408	44E	ESPE
Quantity of 100, 1GB DDR4 Memory activation for SAP HANA	8408	44E	ESPH
One-core processor entitlement for #ESPJ	8286	42A	ESPP

The following select features are being withdrawn on the specified models of the IBM Power Systems machine types:

Effective December 30, 2022

Description	Machine type	Model number	Feature number
Linux Software Preinstall	8335	GTH	8143
Linux Software Preinstall	8335	GTX	8143
Linux Software Preinstall	9009	22G	8143
Linux Software Preinstall	9009	41G	8143
Linux Software Preinstall	9009	42G	8143
Linux Software Preinstall	9040	MR9	8143
Linux Software Preinstall	9117	MMU	8143
Linux Software Preinstall	9179	MHU	8143
Linux Software Preinstall	9223	22S	8143
Linux Software Preinstall	9223	42S	8143
Linux Software Preinstall (Business Partners)	8335	GTH	8144
Linux Software Preinstall (Business Partners)	8335	GTX	8144
Linux Software Preinstall (Business Partners)	9009	22G	8144
Linux Software Preinstall (Business Partners)	9009	41G	8144
Linux Software Preinstall (Business Partners)	9009	42G	8144
Linux Software Preinstall (Business Partners)	9040	MR9	8144

Description	Machine type	Model number	Feature number
Linux Software Preinstall (Business Partners)	9117	MMU	8144
Linux Software Preinstall (Business Partners)	9179	MHU	8144
Linux Software Preinstall (Business Partners)	9223	22S	8144
Linux Software Preinstall (Business Partners)	9223	42S	8144

Effective September 13, 2022

Feature conversion withdrawals

From machine type	From feature	To feature	To machine type	To model
9105	EJUZ	EJUV	9105	41B
9105	EJVZ	EJUX	9105	41B
9105	EJXU	EJUY	9105	41B
9105	EJUV	EJUZ	9105	41B
9105	EJXW	EJYV	9105	41B
9105	EJUX	EJVZ	9105	41B
9105	EJUY	EJXU	9105	41B
9105	EJYV	EJXW	9105	41B

Replacement product information

None

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