IBM Integrated Analytics System M4002-001 is an entry level data warehousing appliance optimized for speed and simplicity for small to medium sized companies and developing organizations

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At a glance

The IBM(R) Integrated Analytics System M4002-001 is designed to accelerate time-to-value for small, medium, and developing organizations to store, manage, and explore data.

Integrated Analytics System M4002-001 offers:

- **Ease of deployment**: Saves the time and cost of provisioning and configuring hardware and software, requiring little or no tuning.
- **Performance and scalability**: Provides a cost-effective data and analytic solution.
- **Flexibility**: Fits a hybrid data strategy with a path to the cloud.

Overview

The IBM Integrated Analytics System M4002-001 is a small data warehousing appliance available for client-provided rack installation that can be easily incorporated into your existing data center. This purpose-built solution is designed for simplicity and cost efficiency to better store, explore, and manage data for your small, medium, or developing organization.

The Integrated Analytics System M4002-001 includes:

- Integrated hardware and software
- Embedded Apache Spark engine for production-ready advanced analytics and machine learning
- Cloud-readiness, leveraging a Common SQL Engine for workload portability and skill sharing across public and private clouds
- Data virtualization capability that unifies access to enterprise data sources across on-premises, cloud, and Hadoop data platforms

Integrated Analytics System M4002-001:

- Drives complex analytics for terabyte volumes of data
- Provides cloud-enabled capability
- Is ready for data and analytics workloads when installed
Simplify the setup or migration of your data with load-and-go capabilities with no tuning required. The Integrated Analytics System M4002-001 brings performance, security, analytics, and many of the features of the Integrated Analytics System-based M4002 series at an affordable entry price.

This announcement satisfies the statement of direction made in Software Announcement 219-156, dated February 12, 2019.

### Key requirements

Client provides rack and racks appliance.

For other details, see IBM Integrated Analytics System.

### Planned availability date

March 27, 2019

### Accessibility by people with disabilities

A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the Product accessibility information website.

### Program number

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<th>Machine type-model</th>
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### Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage<sup>®</sup> and Passport Advantage Express<sup>®</sup> website.

### Publications

For product documentation see IBM Integrated Analytics System.

### Services

**Software Services**

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based Software Services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities.
Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

Technical information

**Specified operating environment**

**Hardware requirements**

The IBM Integrated Analytics System M4002-001 is a purpose-built, standards-based appliance that architecturally integrates database, server, and storage into a single easy-to-manage system.

Client provides rack and power for installation. See the Client responsibilities section for additional requirements.

For installation and data center requirements, see IBM Integrated Analytics System.

**Software requirements**

The Integrated Analytics System M4002-001 is shipped with an installed database, operating system, and platform software.

There are no additional software requirements.

**Product technical information**

**Integrated Analytics System**

**Physical specifications**

Integrated Analytics System M4002-001 occupies 2U of rack space.

**Electrical**

The Integrated Analytics System M4002-001 appliance includes two power cords that supply single-phase, 200-240 volt, 10 A, and 50/60 Hz power for the redundant power supplies.

<table>
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<th>Wattage consumed</th>
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<tr>
<td>Integrated Analytics System M4002-001</td>
<td>2000 watts</td>
<td>6800 Btu per hr</td>
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**Dimensions and weight**

**Integrated Analytics System M4002-001**

- Height: 88.9 mm (3.5 in)
- Width: 488 mm (19.3 in)
- Depth: 891.5 mm (35.1 in)
- Weight: 42.5 kg (92.6 lb)

**Operating environment**

**Temperature**

System on:

- ASHRAE A2: 10°C to 35°C (50°F to 95°F). At altitudes above 900 m (2,953 ft), derate the maximum allowable dry-bulb temperature by 1°C (1.8°F) for every 300-meter (984 ft) increase in altitude.
System off:
• Short term: 5°C to 45°C (41°F to 113°F)
• Long term: 10°C to 35°C (50°F to 95°F)

Shipment
• -40°C to 60°C (-40°F to 140°F) nonoperating

Relative humidity
• Power on: ASHRAE Class A2: 8% to 80%, maximum dewpoint 21°C (70°F)
• Power off: Shipment and storage: 8% to 90%

Altitude
Maximum altitude: 3050 m (10,000 ft) with temperature derating.
• Derate maximum allowable dry-bulb temperature by 1°C (1.8°F) for every 300 m above 950 m

Standards
The IBM Integrated Analytics System M4002 appliances conform to the following standards:
• FCC: Verified to comply with Part 15 of the FCC Rules, Class A
• Canada ICES-003, Class A
• UL/IEC 60950-1
• CSA C22.2 No. 60950-1

Planning information
Client responsibilities
The Integrated Analytics System M4002-001 appliance ships as a 2U platform device which is designed to fit into a client-provided rack. Client must install the system into their supplied rack prior to IBM installation services coming on site to complete the installation. Details can be found in the Site Prep Guide.

Clients are responsible to rack the Integrated Analytics System M4002-001 appliance. IBM or IBM authorized business partners will complete the product installation.

Clients are responsible for supplying:
• Rack space of 3.5 in high x 19.3 in wide x 35.1 in deep
• Two C13 receptacles rated for a minimum of 10 A each
• Network connectivity with IP addresses
• 1 Gbps switch for management (one port required)
• 10G switch for I/O (three ports required)
• Keyboard, video, and mouse console for user access to host console

For details see IBM Integrated Analytics System.

Packaging
The IBM Integrated Analytics System M4002-001 shipment consists of the following:
• IBM Integrated Analytics System M4002-001 (machine type 3456)
• IBM Integrated Analytics System M4002-001 country kit
- Power cords (2)
- 25G fabric cables (3)
- KVM breakout cable
- Important notices flyer
- IBM Safety DVD

**Direct client support**

For technical support or assistance, contact your IBM representative or go to the [IBM Support Portal](https://www.ibm.com/support/) website.

**Ordering information**

For ordering information, consult your IBM representative or authorized IBM Business Partner, or go to the [Passport Advantage](https://www.ibm.com/marketplace/passportadvantage) website.

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This product may only be sold directly by IBM or by authorized IBM Business Partners for Channel Value Rewards.

More information can be found on the [IBM Channel Value Rewards](https://www.ibm.com/marketplace/ibmchannelvalue/rewards) website.

To locate IBM Business Partners for Channel Value Rewards in your geography for a specific Channel Value Rewards portfolio, go to the [Find a Business Partner](https://www.ibm.com/marketplace/ibmchannelvalue/rewards/partners) page.

**IBM Integrated Analytics System M4002 (5737-J88)**

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**Charge metric**

The charge metric for this licensed product can be found in the following License Information document:

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Select your language of choice and scroll down to the "Charge Metrics" section. Follow-on releases, if any, may have updated terms. See the License Information documents website for more information.

**Terms and conditions**

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and IBM Agreement for Acquisition of Software Maintenance.

This product is available only through Passport Advantage.

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**Software Maintenance**

Consult the IBM Appliance Support Guide for details about appliance support and warranty service upgrade options.

**Program technical support**

IBM will provide 12 months' notice prior to support discontinuance.

**License Information number**

The following License Information document applies to the offering in this announcement:

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Follow-on releases, if any, may have updated terms. See the License Information documents website for more information.

**Limited warranty applies**

Yes.

**Limited warranty**

IBM warrants that when the appliance is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, see the IBM Support Guide.

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

**Program support**

Subscription and Support includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

**Money-back guarantee**

No.

**Volume orders (IVO)**

No.

**Passport Advantage applies**

Yes, information is available on the Passport Advantage and Passport Advantage Express website.

**Appliance Maintenance, Software Subscription and Support applies**

Yes. Appliance Maintenance, Software Subscription and Support, also referred to as Appliance Service and Support, is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

Included is one year of Appliance Maintenance and Software Subscription and Support for each of the appliances and software licenses acquired. The initial period may be extended by the purchase of a renewal option, if available.

For additional information about appliance services, consult the Appliance Services Attachments to Passport Advantage website.

Consult the IBM Appliance Support Guide website for further details about Appliance support and Warranty Service Upgrade options.
Statement of good security practices

IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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Prices

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Passport Advantage

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Note: Shipments will begin after the planned availability date.

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For questions regarding CVR, see the IBM Channel Value Rewards website.

Appliance announcement countries

The IBM Integrated Analytics System M4002-001 appliance is available in the United States.

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