IBM S2 25U Standard Rack supports IBM System x and BladeCenter servers

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At a glance

The IBM® S2 25U Standard Rack is a 25U industry-standard 19-inch rack that supports IBM BladeCenter® and rack-mountable IBM System x® servers and options. It enables you to set up a high-powered IT solution with the minimum amount of floor space.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: LE001).

Overview

The IBM S2 25U Standard rack is a 25U, industry-standard 19-inch rack that supports BladeCenter and rack-mountable System x servers and options.

This IBM rack cabinet is part of the family of rugged, attractively priced, IBM rack solutions tailored to meet your requirements from entry to advanced enterprise environments.

Heavy-duty casters allow movement of large loads.

For information on the IBM Statement of Limited Warranty, visit


Alternatively, this information is available through your IBM representative or reseller. Copies are available upon request.

IBM sends a technician after attempting to diagnose and resolve the problem remotely. On-site repair applies to UPS.

For the latest information on safe and effective computing, visit

http://www.ibm.com/pc/safecomputing

Key prerequisites

None
Planned availability date

March 18, 2010

Description

**IBM S2 25U Standard Rack**

This rack includes everything needed to set up a high-powered IT solution with the minimum amount of floor space. It enables comprehensive rack solutions that are ready to deploy.

The Standard Rack features:

- Lockable doors and side panels that all use the same key
- Thermal optimization for sustained performance
- Solid top with cable passthru access holes
- Heavy-duty casters help to safely move large loads rack
- A split rear door

**Maximum scalability:** The S2 rack platform is designed for complex applications needed for your business today.

**Accessibility by people with disabilities**

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on the product's accessibility compliance can be requested at

http://www-03.ibm.com/able/product_accessibility/index.html

Product positioning

The IBM S2 25U Standard Rack is positioned as a high-end rack cabinet offering. This rack solution delivers a higher level of structure ruggedness to support relocating full rack configurations within the enterprise location.

Product number

The following are newly announced features on the specified models of the IBM System x 9307 machine type:

<table>
<thead>
<tr>
<th>Description</th>
<th>MT</th>
<th>Model</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>9307-RC2</td>
<td>9307</td>
<td>RC2</td>
<td>6690</td>
</tr>
</tbody>
</table>

**The Single Entity Offerings (SEO)**

<table>
<thead>
<tr>
<th>Description</th>
<th>SEO number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM S2 25U Standard Rack</td>
<td>93072PX</td>
</tr>
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<tbody>
<tr>
<td>S2 25U Static Base Cabinet</td>
<td>9307</td>
<td>RC2</td>
<td>6690</td>
</tr>
</tbody>
</table>

**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® ID and password are required (use IBM ID).


**Publications**

An installation and user's guide, and safety and warranty publications are shipped with each rack. The following publications are available immediately:

<table>
<thead>
<tr>
<th>Title</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unpack instructions</td>
<td>68Y9539</td>
</tr>
<tr>
<td>User guide on CD</td>
<td>68Y9540</td>
</tr>
<tr>
<td>Important Notices Manual</td>
<td>68Y9541</td>
</tr>
</tbody>
</table>

The IBM Standard Rack Installation and User's Guide and Hardware Maintenance Manual, in U.S. English versions, are available from

http://www.ibm.com/systems/support/x

**Services**

**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 visit

http://www.ibm.com/services/

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or visit

http://www.ibm.com/services/continuity

For details on education offerings related to specific products, visit


Select your country, and then select the product as the category.
System x and BladeCenter support services

Recommended core technical support
When you buy IBM System x technology, include the support services you need -- to help keep both your hardware and software working for you, day after day, at peak performance. It's your first step toward helping to protect your investment and sustain high levels of system availability. We offer service-level and response-time options to fit your business needs. And we'll help you get started with a core support package that includes:

- **Continuous system monitoring**
  Electronic monitoring that helps speed up problem-solving with automated, early detection of potential problems and system errors.

- **Hardware maintenance**
  World-class remote and on-site hardware problem determination and repair services.

- **Software technical support**
  Access to help line calls for fast, accurate answers to your questions during installation and throughout ongoing operations.

For more information, visit

http://www.ibm.com/servers/eserver/xseries/services.html

Technical information

Specified operating environment

Physical specifications

External dimensions
IBM S2 25U Standard Rack - 9307-2PX

- Height: 1244 mm (49.0 in)
- Width: 600 mm (23.6 in)
- Depth: 1000 mm (39.4 in)
- Weight: 100 kg (220 lb)

Agency approvals
The IBM S2 25U Standard Rack adheres to the following safety and agency approval requirements:

- UL 1950 3rd Edition
- CSA C22.2 No. 950 3rd Edition
- IEC 950/EN60 950 2nd Edition

Planning information

Customer responsibilities
This product is designated as customer setup. Customer setup instructions are shipped with the product.

Cable orders
No cables are required.
**Installability**

Each rack requires approximately 20 minutes for installation.

**Packaging**

**IBM S2 25U Standard Rack**

<table>
<thead>
<tr>
<th>Product</th>
<th>Package description</th>
<th>Boxes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Standard Rack</td>
<td>IBM 25U Standard Rack Carton</td>
<td>1</td>
</tr>
</tbody>
</table>

IBM S2 25U Standard Rack box contains:

- 25U rack cabinet and keys
- Front stabilizer plate
- Miscellaneous mounting hardware
- Installation and safety publications with warranty

The rack is shipped in a single package.

Approximate shipping dimensions and weights:

25U Standard Rack model

- Height: 1244 mm (49.0 in)
- Width: 600 mm (23.6 in)
- Depth: 1000 mm (39.4 in)
- Weight: 1000 kg (220 lb) (empty)

**Supplies**

**For end users**

IBM S2 25U Standard Racks can be purchased from dealers around the world.

**Security, auditability, and control**

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

**IBM Electronic Services**

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a Web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM.
on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

http://www.ibm.com/support/electronic

### Terms and conditions

**MES discount applicable**

No

**Field installable feature**

Yes

**Warranty period**

Three years

**Customer setup**

Yes

**Machine code**

No license terms apply

**IBM Global Financing**

Yes

To obtain copies of the IBM Statement of Limited Warranty, contact your reseller or IBM.

In the United States, call 800-IBM-SERV (426-7378), or write to:

Warranty Information  
P.O. Box 12195  
Research Triangle Park, NC 27709  
Attn: Dept JDJA/B203

**Warranty period**

- 9307-2PX - Three years
- 59Y2149 - One year

Optional IBM features initially installed in an IBM machine carry the same warranty period as the machine. If installed after the initial machine installation, they carry the balance of the machine warranty or the optional feature warranty, whichever is greater.

The following have been designated as consumables or supply items and are, therefore, not covered by this warranty:

- Battery
Warranty service

If required, IBM provides repair or exchange service, depending on the type of warranty service specified below for the machine. IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. 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 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- and location-specific information.

The type of service is Customer Replaceable Unit (for example, keyboard, mouse, speaker, memory, or hard disk drive) Service and On-site Service.

Customer Replaceable Unit (CRU) Service

IBM provides a replacement CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM at any time on your request. A CRU is designated as being either a Tier 1 (mandatory) or a Tier 2 (optional) 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. You may install a Tier 2 CRU yourself or request IBM to install it, at no additional charge, under the type of warranty service specified below, On-site Service.

Based upon availability, a CRU 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, and 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 are designated as Tier 1 CRUs:

- 25U rear door (right)
- 25U rear door (left)
- 25U front door
- Door latch
- Keys
- Cable management bracket
- 25U side panel
- Hardware kit
- Lower side panel
- Tailbar kit
- Front anti-tip plate

On-site Service

This provides On-site Repair, 9 hours per day, Monday through Friday excluding holidays, NBD response. IBM or your reseller 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 Service is not available in all countries, and some countries have kilometer or mileage limitations from an IBM service center. In those locations where On-site Service is not available, the normal in-country service delivery is used.
Call IBM at 1-800-IBM-SERV (426-7378) to assist with problem isolation for hardware to determine if warranty service is required. Telephone support may be subject to additional charges, even during the limited warranty period.

Calls must be received by 5:00 p.m. local time in order to qualify for NBD service.

**International Warranty Service**

International Warranty Service (IWS) is available in selected countries or regions.

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.

Under IWS, warranty service will be provided with the prevailing warranty service type and service level available for the IWS-eligible machine type in the servicing country, and the warranty period observed will be that of the country in which the machine was purchased.

To determine the eligibility of your machine and to view a list of countries where service is available, visit


For more information on IWS, refer to Services Announcement 601-034, dated September 25, 2001.

**Licensing**

Programs included with this product are licensed under the terms and conditions of the License Agreements that are shipped with the system.

**Maintenance services**

**ServicePac, ServiceSuite, ServiceElect, and ServiceElite**

ServicePac®, ServiceSuite™, ServiceElect, and ServiceElite provide hardware warranty service upgrades, maintenance, and selected support services in one agreement.

**Warranty service upgrade**

During the warranty period, a warranty service upgrade provides an enhanced level of On-site Service for an additional charge. A warranty service upgrade must be purchased during the warranty period and is for a fixed term (duration). It is not refundable or transferable and may not be prorated. If required, IBM will provide the warranty service upgrade enhanced level of On-site Service acquired by the customer. Service levels are response-time objectives and are not guaranteed.

IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. 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.

CRUs will be provided as part of the machine's standard warranty CRU Service except that you may install a Tier 1 CRU yourself or request IBM installation, at no additional charge, under one of the On-site Service levels specified below.

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.
See the Pricing section for specific offerings.

**Maintenance service**

If required, IBM provides repair or exchange service, depending on the type of maintenance service specified below for the machine. IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. 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.

**CRU Service**

If your problem can be resolved with a CRU (for example, keyboard, mouse, speaker, memory, or hard disk drive), IBM will ship the CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM at any time on your request.

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, and 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.

**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.

See the Pricing section for specific offerings.

**Maintenance service (ICA)**

Maintenance services are available for ICA legacy contracts.

**Alternative service (warranty service upgrades)**

During the warranty period, a warranty service upgrade provides an enhanced level of On-site Service for an additional charge. A warranty service upgrade must be purchased during the warranty period and is for a fixed term (duration). It is not refundable or transferable and may not be prorated. If required, IBM will provide the warranty service upgrade enhanced level of On-site Service acquired by the customer. Service levels are response-time objectives and are not guaranteed.

IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. 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.

A CRU will be provided as part of the machine's standard warranty CRU Service except that you may install a Tier 1 CRU yourself or request IBM to install it, at no additional charge, under the type of warranty service specified below, 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.

See the Pricing section for specific offerings.

**Maintenance service**

If required, IBM provides repair or exchange service, depending on the type of maintenance service specified below for the machine. IBM will attempt to resolve your problem over the telephone or electronically by access to an IBM Web site. 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.

**CRU Service**

If your problem can be resolved with a CRU (for example, keyboard, mouse, speaker, memory, or hard disk drive), IBM will ship the CRU to you for you to install. CRU information and replacement instructions are shipped with your machine and are available from IBM at any time on your request.

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, and 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.

**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.

See the Pricing section for specific offerings.

**Non-IBM parts support**

**Warranty 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 its customers, and normal warranty service procedures for the IBM machine apply.

**Warranty service upgrades and maintenance services**

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

IBM Service provides hardware problem determination on non-IBM parts (for example, adapter cards, PCMCIA cards, disk drives, or memory) installed within IBM machines covered under warranty service upgrades or maintenance services 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, customers 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.

**IBM hourly service rate classification**
One

**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**
This product does not contain Licensed Internal Code or Licensed Machine Code.

**Educational allowance**
None

### Pricing

For current prices, contact IBM at 888-Shop-IBM (746-7426) or visit [http://www-03.ibm.com/systems/x/](http://www-03.ibm.com/systems/x/)

The following are newly announced features on the specified models of the IBM System x 9307 machine type:

<table>
<thead>
<tr>
<th>Description</th>
<th>Model Number</th>
<th>Feature Number</th>
<th>Initial/MEs/Both Support CSU MES</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM S2 25U Standard Rack</td>
<td>RC2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S2 25U Static Base Cabinet</td>
<td>RC2</td>
<td>6690</td>
<td>Initial</td>
</tr>
</tbody>
</table>

### ServicePac for Warranty Service Upgrade (WSU) and Maintenance

<table>
<thead>
<tr>
<th>Machine type/Model Description</th>
<th>ServicePac SEO part number</th>
<th>ServicePac TMF part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>9307-XXX 3-year IOR 9 x 5 4-hour response</td>
<td>12X7014</td>
<td>6756616</td>
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</table>

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http://www.ibm.com/financing

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Order now

To order, contact the Americas Call Centers or your local IBM representative, or your IBM Business Partner.

To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

**Note:** Shipments will begin after the planned availability date.

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