



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

http://www.ibm.com/servers/support/machine_warranties/

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:

Description	MT	Model	Feature
9307-RC2	9307	RC2	6690
The Single Entity Offerings (SEO)			
Description		SEO	number
System SEOs			
IBM S2 25U Standard Rack		93072PX	

The following is newly announced feature on the IBM System 9307 machine type.

Description	MT	Model	Feature
S2 25U Static Base Cabinet	9307	RC2	6690

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).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=110-064>

Publications

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

Title	Part number
Unpack instructions	68Y9539
User guide on CD	68Y9540
Important Notices Manual	68Y9541

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

<http://www.ibm.com/services/learning/index.html>

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

Product	Package description	Boxes
IBM Standard Rack	IBM 25U Standard Rack Carton	1

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

<http://www-304.ibm.com/jct01004c/systems/support/supportsite.wss/warrantyform?brandind=5000008>

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/>

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

Description	Model Number	Feature Number	Initial/MES/Both support	RP CSU MES
IBM S2 25U Standard Rack	RC2			
S2 25U Static Base Cabinet	RC2	6690	Initial	

Description	Part number
IBM S2 25U Standard Rack	93072PX

ServicePac for Warranty Service Upgrade (WSU) and Maintenance

Machine type/Model	Description	ServicePac SEO part number	ServicePac TMF part number
9307-XXX	3-year IOR 9 x 5 4-hour response	12X7014	6756616

9307-XXX	3-year IOR 24 x 7 4-hour average response	12X7015	6756617
9307-XXX	3-year IOR 24 x 7 2-hour average response	12X7016	6756618
9307-XXX	4-year IOR 9 x 5	12X7017	6756619
9307-XXX	4-year IOR 9 x 5 4-hour response	12X7018	6756620
9307-XXX	4-year IOR 24 x 7 4-hour average response	12X7019	6756621
9307-XXX	4-year IOR 24 x 7 2-hour average response	12X7020	6756622
9307-XXX	5-year IOR 9 x 5	12X7021	6756623
9307 XXX	5-year IOR 9 x 5 4-hour response	12X7022	6756624
9307-XXX	5-year IOR 24 x 7 4-hour average response	12X7023	6756625
9307-XXX	5-year IOR 24 x 7 2-hour average response	12X7024	6756626
9307-XXX	1-year MA IOR 9 x 5 NBD response	12X7025	6756L83
9307-XXX	1-year MA IOR 9 x 5 4-hour average response	12X7026	6756L84
9307-XXX	1-year MA IOR 24 x 7 4-hour average response	12X7027	6756L85
9307-XXX	1-year MA IOR 24 x 7 2-hour average response	12X7028	6756L86
9307-XXX	2-year MA IOR 9 x 5 NBD response	12X7029	6756L87
9307-XXX	2-year MA IOR 9 x 5 4-hour average response	12X7030	6756L88
9307-XXX	2-year MA IOR 24 x 7 4-hour average response	12X7031	6756L89
9307-XXX	2-year MA IOR 24 x 7 2-hour average response	12X7032	6756L90

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

<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

Mail: IBM Teleweb Customer Support
ibm.com® Sales Execution Center, Americas North
3500 Steeles Ave. East, Tower 3/4
Markham, Ontario
Canada
L3R 2Z1

Reference: LE001

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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<http://www.ibm.com/planetwide/us/>