

## IBM System Storage Productivity Center V1.4 (2805-MC4) new server and software updates

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### At a glance



Highlights for the IBM® System Storage™ Productivity Center (machine type 2805) include:

- Quad-Core Intel® Xeon® Processor E5530 2.4 GHz
- 8 GB SDRAM
- 2 x 146 GB 15K 2.5-inch hard disk drives
- Microsoft® Windows® Server 2008 32-bit Enterprise Edition
- IBM Tivoli® Storage Productivity Center 4.1.1
- IBM SAN Volume Controller Version 5.1.0
- IBM DS CIM agent management commands (DSCIMCLI) 4.3
- IBM DS3000, DS4000™, and DS5000 series Storage Manager 10.60
- Optional IBM Tivoli Key Lifecycle Manager server build

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

### Overview

The IBM System Storage Productivity Center V1.4 (SSPC) (Machine type 2805 Model MC4) is a customized IBM x86 server preinstalled with IBM software. The SSPC can be ordered preloaded with either IBM Tivoli Storage Productivity Center Basic Edition or IBM Tivoli Key Lifecycle Manager. The software is licensed separate from the SSPC.

This SSPC release uses a newer server model with the same hardware configuration as the previous release. The preloaded software has also been upgraded.

Refer to the IBM System Storage Productivity Center V1.3 Hardware Announcement [108-829](#), dated October 28, 2008.

### **Feature exchange**

None

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## **Key prerequisites**

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The IBM System Storage Productivity Center (machine type 2805) is preinstalled with either IBM Tivoli Storage Productivity Center Basic Edition or IBM Tivoli Key Lifecycle Manager. The purchase of the SSPC does not include the license to use this software or to receive software support.

The SSPC with feature number 0018, 0019, or 0020 requires a software entitlement to any of the following:

- IBM Tivoli Storage Productivity Center Basic Edition
- IBM Tivoli Storage Productivity Center for Disk
- IBM Tivoli Storage Productivity Center for Data
- IBM Tivoli Storage Productivity Center Standard Edition

The SSPC with feature number 0021 requires a software entitlement to IBM Tivoli Key Lifecycle Manager.

Failure to purchase the appropriate IBM software license may result in lack of software technical support. Operating system technical support is offered with a separately purchased IBM Support Line contract.

The server warranty is included in the purchase price of the SSPC.

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## **Planned availability date**

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November 6, 2009

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## **Description**

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The SSPC can be ordered preloaded with either IBM Tivoli Storage Productivity Center Basic Edition or IBM Tivoli Key Lifecycle Manager.

IBM Tivoli Storage Productivity Center Basic Edition:

- Contains a storage topology viewer for a "big picture" perspective
- Offers asset and capacity reporting to improve storage utilization
- Assists with problem determination
- Can reduce storage complexity and improve interoperability
- Automates device discovery
- Extends existing device utilities
- Aids with server consolidation

IBM offers professional services for the SSPC when preloaded with Tivoli Storage Productivity Center Basic Edition. This offering includes planning, installation, configuration, testing, and skills transfer.

The SSPC can be ordered preloaded with IBM Tivoli Key Lifecycle Manager which supports IBM's self-encrypting tape and disk products.

## IBM Tivoli Key Lifecycle Manager:

- Centralizes and automates the encryption key management process
- Enhances data security while dramatically reducing the number of encryption keys to be managed
- Simplifies encryption key management with an intuitive user interface for configuration and management
- Helps minimize the risk of loss or breach of sensitive information
- Helps facilitate compliance management of regulations and standards such as the Payment Card Industry Data Security Standard (PCI DSS), Sarbanes-Oxley, and the Health Insurance Portability and Accountability Act (HIPAA)

For more information about IBM Tivoli Key Lifecycle Manager visit

<http://www.ibm.com/software/tivoli/products/key-lifecycle-mgr/>

### **Accessibility by people with disabilities**

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

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

### **Business Partner information**

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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=109-730>

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## **Reference information**

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Refer to Hardware Announcement [108-829](#), dated October 28, 2008.

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## **Product number**

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Description	Machine type	Model	Feature number
System Storage Productivity Center	2805	MC4	
IBM Tivoli Storage Productivity Center order via PA			0017
IBM Tivoli Storage Productivity Center order via AAS/eConfig			0018
Existing IBM Tivoli Storage Productivity Center customer			0019
Ordering IBM Tivoli Storage Productivity Center other than Basic Edition			0020
Ordering Tivoli Key Lifecycle Manager (TKLM)			0021
Power Cords:			
- Power Cord, Standard Rack			1170
- Power Cord, Group 1			1171
- Power Cord, Group 2, Brazil			1172
- Power Cord, Group 3, Indonesia, Korea			1173
- Power Cord, Group 4, Denmark			1174
- Power Cord, Group 5, United Kingdom			1175
- Power Cord, Group 6, Israel			1176
- Power Cord, Group 7, Switzerland			1177
- Power Cord, Group 8, Pakistan, South Africa			1178

- Power Cord, Group 9, Chile, Italy	1179
- Power Cord, Group 10, Australia, New Zealand	1180
- Power Cord, Group 11, Thailand	1181
- Power Cord, Group 12, Uruguay	1182
- Power Cord, Group 13, China	1183
- Power Cord, Group 14, India	1184
- Power Cord, Group 15, Brazil	1185
- Power Cord, Group 16, Korea	1186
- Power Cord, Group 17, Taiwan	1187
- Power Cord, Group 18, Japan	1188
- Power Cord, Group 19, US Chicago	1189
Dual Power Supply Option	1810
Console Keyboard/Display/Drawer	9100

### **Model conversions**

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Not applicable.

### **Feature conversions**

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Not applicable.

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## **Publications**

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The following publications are shipped with the IBM System Storage Productivity Center Document CD:

Title	Order number	Part number
IBM System Storage Productivity Center Introduction and Planning Guide	SC23-8824	
IBM System Storage Productivity Center Users Guide	SC27-2336	
Read This First flyer	GI11-8938	45W5651
IBM Warranty Information flyer	SC27-2495	45W5653
Rack Installation Instructions		44R5225
Important Notices		59Y7020
IBM System x3550 M2 Type 7946 Problem Determination and Service Guide		59Y6730
IBM System x3550 M2 Type 7946 Installation and User's Guide		59Y6729
Safety Information guide (multilingual)		02R2735
IBM System Storage Productivity Center Documentation CD	SCD7-1477	45W5652
IBM Tivoli Key Lifecycle Manager Quick Start Guide	GI11-8738	
IBM Tivoli Key Lifecycle Manager Installation and Configuration Guide	SC23-9977	

Additional copies are available. To order, contact your IBM representative.

These publications will also be available on October 26, 2009, at the following Web site

[http://publib.boulder.ibm.com/infocenter/tivihelp/v4r1/index.jsp?topic=/com.ibm.com.sspc\\_v14.doc/welcome.html](http://publib.boulder.ibm.com/infocenter/tivihelp/v4r1/index.jsp?topic=/com.ibm.com.sspc_v14.doc/welcome.html)

The IBM Publications Center Portal:

<http://www.ibm.com/shop/publications/order>

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, as well as payment options via credit card. A large number of publications are available online in various file formats, which can currently be downloaded free of charge.

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## Services

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### Global Technology Services

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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.

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## Technical information

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### Specified operating environment

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#### *Physical specifications*

System Storage Productivity Center (machine type 2805)

Server dimensions:

- Width: 440 mm (17.3 in)
- Depth: 711 mm (28.0 in)
- Height: 43 mm (1.7 in)

Approximate shipping dimensions and weight:

- Single pack dimensions: 838.20 x 590.55 x 95.00 mm (33 x 23.25 x 9.5 in)
- Single pack weight: 18.44 kg (40 lb)

- Quantity per pallet: 10
- Pallet load dimensions: 1016.00 x 1219.20 x 1397.00 mm (40 x 48 x 55 in)
- Pallet load weight: 204.12 kg (450 lb)
- Estimated safe stacking: 2 high

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

### ***Operating environment***

- Temperature:
  - 10.0° to 35.0° C (50° to 95° F) (Server on)
  - 0.0° to 60.0° C (-32° to 140° F) (Server off)
- Relative humidity: 8% to 80%
- Maximum altitude: 2,133 m (7,000 ft)
- 100 to 127 (nominal) V ac; 47 Hz or 63 Hz; 7.1 A
- 200 to 240 (nominal) V ac; 47 Hz or 63 Hz; 3.5 A
- Input kilovolt-amperes (kVA) (approximately):
  - Minimum configuration: 0.24 kVA
  - Maximum configuration: 0.70 kVA
- Btu output:
  - Minimum configuration: 819 Btu/hr (240 watts)
  - Maximum configuration: 2390 Btu/hr (700 watts)
- Acoustical noise level emission level: Sound power levels
  - 6.9 bels (idling)
  - 6.9 bels (operating)

### ***Software requirements***

The IBM System Storage Productivity Center (machine type 2805) is preinstalled with either IBM Tivoli Storage Productivity Center Basic Edition or IBM Tivoli Key Lifecycle Manager. The purchase of the SSPC does not include the license to use this software or to receive software support.

The SSPC with feature number 0018, 0019, or 0020 requires a software entitlement to any of the following:

- IBM Tivoli Storage Productivity Center Basic Edition
- IBM Tivoli Storage Productivity Center for Disk
- IBM Tivoli Storage Productivity Center for Data
- IBM Tivoli Storage Productivity Center Standard Edition

The SSPC with feature number 0021 requires a software entitlement to IBM Tivoli Key Lifecycle Manager.

Failure to purchase the appropriate IBM software license may result in lack of software technical support. Operating system technical support is offered with a separately purchased IBM Support Line contract.

The server warranty is included in the purchase price of the SSPC.

### ***Planning information***

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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 Web site 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***

No cables required.

### ***Security, auditability, and control***

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

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## **IBM Electronic Services**

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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>

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## **Terms and conditions**

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### ***IBM Global Financing***

Yes

### ***Warranty period***

One year

### ***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 via 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. If applicable to your product, parts considered Customer 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 and location-specific information.

### ***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:

- 24 hours per day, 7 days a week, 4 hour average, same day response. Same day service level includes the installation of Tier 1 CRUs at no additional charge.

### **Non-IBM parts service**

#### ***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 their customers, and normal warranty service procedures for the IBM machine apply.

### **Warranty service upgrades**

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#### ***Usage plan machine***

No

#### ***IBM hourly service rate classification***

Three

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.

#### ***Field-installable features***

Yes

#### ***Model conversions***

No

#### ***Machine installation***

Installation is performed by IBM. IBM will install the machine in accordance with the IBM installation procedures for the machine. In the United States, contact IBM at 1-800-IBM-SERV (426-7378). For customers outside the United States, call the support number for your country, available at

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

**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**

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

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

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**Prices**

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Description	Machine type	Model number	Feature number
System Storage Productivity Center	2805	MC4	
Tivoli Storage Productivity Center order via PA			0017
Tivoli Storage Productivity Center order via AAS/eConfig			0018
Existing Tivoli Storage Productivity Center customer			0019
Ordering Tivoli Storage Productivity Center other than Basic Edition			0020
Ordering Tivoli Key Lifecycle Manager (TKLM)			0021
Power Cords:			
- Power Cord, Standard Rack			1170
- Power Cord, Group 1			1171
- Power Cord, Group 2, Brazil			1172
- Power Cord, Group 3			1173
- Power Cord, Group 4, Denmark			1174
- Power Cord, Group 5, United Kingdom			1175
- Power Cord, Group 6, Israel			1176
- Power Cord, Group 7, Switzerland			1177
- Power Cord, Group 8, Pakistan, South Africa			1178
- Power Cord, Group 9, Chile, Italy			1179
- Power Cord, Group 10			1180
- Power Cord, Group 11, Thailand			1181
- Power Cord, Group 12, Uruguay			1182
- Power Cord, Group 13, China			1183
- Power Cord, Group 14, India			1184
- Power Cord, Group 15, Brazil			1185
- Power Cord, Group 16, Korea			1186
- Power Cord, Group 17, Taiwan			1187
- Power Cord, Group 18, Japan			1188
- Power Cord, Group 19, US Chicago			1189
Dual Power Supply Option			1810
Console/keyboard/Display/Drawer			9100

Feature	Plant/Field install	MES removal	CSU
0017	Plant	No	No
0018	Plant	No	No
0019	Plant	No	No
0020	Plant	No	No
0021	Plant	No	No
1170	Both	No	Yes

1171	Both	No	Yes
1172	Both	No	Yes
1173	Both	No	Yes
1174	Both	No	Yes
1175	Both	No	Yes
1176	Both	No	Yes
1177	Both	No	Yes
1178	Both	No	Yes
1179	Both	No	Yes
1180	Both	No	Yes
1181	Both	No	Yes
1182	Both	No	Yes
1183	Both	No	Yes
1184	Both	No	Yes
1185	Both	No	Yes
1186	Both	No	Yes
1187	Both	No	Yes
1188	Both	No	Yes
1189	Both	No	Yes
1810	Both	No	No
9100	Both	No	Yes

Machine type	Model	Feature number	Description	U.S. List Price
2805	MC4		System Storage Productivity Center	\$ 4,200
2805	MC4	0017	TivoliStorage Productivity Center order via PA	N/C
2805	MC4	0018	TivoliStorage Productivity Center order via AAS/eConfig	N/C
2805	MC4	0019	Existing Tivoli Storage Productivity Center customer	N/C
2805	MC4	0020	Ordering Tivoli Storage Productivity Center other than Basic Edition	N/C
2805	MC4	0021	Ordering Tivoli Key Lifecycle Manager (TKLM)	N/C
2805	MC4	1170	Power Cord Standard Rack	\$ 0
2805	MC4	9100	Console Keyboard/Display/Drawer	\$ 1,794.00
2805	MC4	1810	Dual Power Supply Option	\$ 199.00
2805	MC4	1171	Power Cord, Group 1	\$ 0
2805	MC4	1172	Power Cord, Group 2, Brazil	\$ 0
2805	MC4	1173	Power Cord, Group 3	\$ 0
2805	MC4	1174	Power Cord, Group 4, Denmark	\$ 0

2805	MC4	1175	Power Cord, Group 5, United Kingdom	\$ 0
2805	MC4	1176	Power Cord, Group 6, Israel	\$ 0
2805	MC4	1177	Power Cord, Group 7, Switzerland	\$ 0
2805	MC4	1178	Power Cord, Group 8, Pakistan, South Africa	\$ 0
2805	MC4	1179	Power Cord, Group 9, Chile, Italy	\$ 0
2805	MC4	1180	Power Cord, Group 10	\$ 0
2805	MC4	1181	Power Cord, Group 11, Thailand	\$ 0
2805	MC4	1182	Power Cord, Group 12, Uruguay	\$ 0
2805	MC4	1183	Power Cord, Group 13, China	\$ 0
2805	MC4	1184	Power Cord, Group 14, India	\$ 0
2805	MC4	1185	Power Cord, Group 15, Brazil	\$ 0
2805	MC4	1186	Power Cord, Group 16, Korea	\$ 0
2805	MC4	1187	Power Cord, Group 17, Taiwan	\$ 0
2805	MC4	1188	Power Cord, Group 18, Japan	\$ 0
2805	MC4	1189	Power Cord, Group 19, US Chicago	\$ 0

### **Maintenance charges**

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For additional information on maintenance and pricing, please contact your IBM Sales Representative or your IBM Business Partner, or call 1-800-IBM-CALL (1-800-426-2255).

For ServiceElect (ESA) maintenance service charges, contact IBM Global Services at 888-IBM-4343 (426-4343).

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<http://www.ibm.com/financing>

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## Order now

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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)  
For IBM representative: [callserv@ca.ibm.com](mailto: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: YE001

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/>