IBM Power Systems I/O improves performance, virtualization, and physical footprint efficiency

At a glance

Several I/O enhancements to the Power Systems™ product line improve performance, virtualization, price/performance ratio, and physical footprint efficiency:

- RDX USB External Docking Station #EU04
- USB 500 GB Removable Disk Drive #1107
- 1 TB Removable Disk Drive Cartridge #EU01
- RDX 320 GB Removable Disk Drive #EU08

Overview

The Power® 755 model E8C high performance computing (HPC) is adding support for the previously announced RDX 160 GB, 320 GB, 500 GB, and 1 TB removable disk drives used in the EU04 external RDX docking stations. RDX offers an excellent entry tape alternative to tapes such as the DAT80/160. In addition to price and performance advantages, it is an extremely durable media and can typically be used far longer than entry tape alternatives.

The PowerLinux™ 7R1 model L1C supports the RDX USB External Docking Station for Removable Disk Cartridge

Key prerequisites

Refer to the Sales Manual for individual feature requirements.

Planned availability date

November 30, 2012

Reference information

Refer to Hardware Announcements:

- 112-180, dated October 3, 2012
- 112-121, dated July 10, 2012
The following are newly announced features on the specific models of the IBM® Power Systems 8236, 8246, and 8406 machine type:

Planned availability date: November 30, 2012

New feature

<table>
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<tr>
<th>Description</th>
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Planned availability date: November 27, 2012

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<td>8236</td>
<td>E8C</td>
<td>1107</td>
</tr>
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<td>1TB Removable Disk Drive Cartridge</td>
<td>8236</td>
<td>E8C</td>
<td>EU01</td>
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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

No publications are shipped with these features.

Services

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For details on education offerings related to specific products, visit


Select your country, and then select the product as the category.

Technical information

Specified operating environment

Physical specifications

Refer to the Sales Manual.

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

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

Now integrated into the base operating system of AIX® 5.3, AIX 6.1, and AIX 7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Service Agent web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type "smitty esa_main", and select "Configure Electronic Service Agent." In addition, ESA now includes a powerful Web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to
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Benefits

**Increased uptime:** The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the symptoms, diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

**Security:** The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool securely transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer’s system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM. The customer's business applications or business data is never transmitted to IBM.

**More accurate reporting:** Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

**Customized support:** Using the IBM ID entered during activation, customers can view system and support information in the "My Systems" and "Premium Search" sections of the Electronic Support Web site at

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

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with the customer’s IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

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

Terms and conditions

**MES discount applicable**

Yes

Equal to the volume commitment discount
Field installable feature
Yes

Warranty period
These features assume the same warranty or maintenance terms as the machine in which they are installed for the full warranty or maintenance period announced for such machine.

Customer setup
Yes, except for feature code EQ77 under machine type 9119

Machine code
Same license terms and conditions as base machine

Prices

The following are newly announced features on the specific models of the IBM Power Systems 8236, 8246, and 8406 machine type:

<table>
<thead>
<tr>
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<th>Model Type</th>
<th>Feature</th>
<th>Both/ Numbers</th>
<th>Support</th>
<th>RP CSU MES</th>
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<td>1106</td>
<td>Support</td>
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<td>No</td>
</tr>
<tr>
<td>USB 500 GB Removable Disk Dr</td>
<td>E8C</td>
<td>1107</td>
<td>Both</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>1TB Removable Disk Cartridge</td>
<td>E8C</td>
<td>EU01</td>
<td>Both</td>
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<td>No</td>
</tr>
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<td>EU08</td>
<td>Both</td>
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<td>Both</td>
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<td>No</td>
</tr>
</tbody>
</table>

Pricing terms

Prices in the following PDF prices link are suggested list prices on day of announcement for the U.S. only. They are provided for your information only. Dealer prices may vary, and prices may also vary by country. IBM list price does not include tax or shipping and is subject to change without notice.

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