



IBM Power Systems EasyScale for MSPs offering on the IBM Power System S822 server delivers the flexibility to scale and optimize expenses as demand changes

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At a glance

A new IBM^(R) Power SystemsTM EasyScale for MSPs offering is now available to service providers on the IBM Power^(R) System S822 server. The Power Systems EasyScale for MSPs offering provides clients with these benefits:

- The flexibility to scale and optimize expenses as demand changes
- Three IBM AIX^(R) and three LinuxTM 20-core, 3.4 GHz configurations
 - Configurations vary as to the amount of memory required. One 146 GB drive is included.
 - One core is activated. Clients can purchase processor day activations for additional processors.

Overview

For service providers that need to flexibly scale and optimize expense as demand changes, IBM offers IBM POWER8^(R) technology for an on-premises purchase or lease with minimal up-front costs. The Power Systems EasyScale for MSPs offering on the Power System S822 (8284-22A) server can be ordered in six configurations, three for AIX and three for Linux:

- Small Linux configuration: 20 cores, 3.4 GHz, 1 core activated, 256 GB memory, 146 GB drive (#EPWA)
- Medium Linux configuration: 20 cores, 3.4 GHz, 1 core activated, 512 GB memory, 146 GB drive (#EPWB)
- Large Linux configuration: 20 cores, 3.4 GHz, 1 core activated, 1 TB memory, 146 GB drive (#EPWC)
- Small AIX configuration: 20 cores, 3.4 GHz, 1 core activated, 256 GB memory, 146 GB drive (#EPWD)
- Medium AIX configuration: 20 cores, 3.4 GHz, 1 core activated, 512 GB memory, 146 GB drive (#EPWE)
- Large AIX configuration: 20 cores, 3.4 GHz, 1 core activated, 1 TB memory, 146 GB drive (#EPWF)

Additional cores may be activated by ordering the following features:

- 570 Processor Days for feature EPWA (#EPNA)
- 570 Processor Days for feature EPWB (#EPNB)

- 570 Processor Days for feature EPWC (#EPNC)
- 570 Processor Days for feature EPWD (#EPND)
- 570 Processor Days for feature EPWE (#EPNE)
- 570 Processor Days for feature EPWF (#EPNF)

No additional processors or memory can be ordered. Additional disk drives or solid-state drives can be ordered. Other features are available as per ordering rules on the 8284-22A server.

IBM PowerVM[®] Enterprise Edition (#5228) is included with all configurations for all activated cores.

Processors, core activations, memory, and one disk drive are included in all the configurations.

Ordering the Power Systems EasyScale for MSPs configurations on the Power S822 server requires approval of i-listed RPQ 8A2323.

Feature exchange

Not applicable

Key prerequisites

- New Power System S822 server (8284-22A)
- Approval for i-listed RPQ 8A2323

Planned availability date

February 26, 2016

Description

The Small Linux configuration (#EPWA) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 256 GB memory equivalent to eight EM84 features, a 146 GB disk drive equivalent to feature ESDT, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Feature 0266 is required.

The Medium Linux configuration (#EPWB) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 512 GB memory equivalent to sixteen EM84 features, a 146 GB disk drive equivalent to feature ESDT, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Feature 0266 is required.

The Large Linux configuration (#EPWC) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 1 TB memory equivalent to sixteen EM85 features, a 146 GB disk drive equivalent to feature ESDT, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Feature 0266 is required.

The Small AIX configuration (#EPWD) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 256 GB memory equivalent to eight EM84 features, a 146 GB disk drive equivalent to feature ESDT, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Feature 0265 is required.

The Medium AIX configuration (#EPWE) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 512 GB memory equivalent to sixteen EM84 features, a 146 GB disk drive equivalent to feature ESDT, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Feature 0265 is required.

The Large AIX configuration (#EPWF) delivers two 10-core 3.4 GHz processors equivalent to two EPXD features with one core activated, 1 TB memory equivalent to sixteen EM85 features, a 146 GB disk drive equivalent to feature ESDT, two power supplies equivalent to two EB2M features, and one Shipping & Handling feature equivalent to one ESC5 feature. Feature 0265 is required.

Note: Feature number 0456 is not allowed on orders with feature numbers EPWA, EPWB, EPWC, EPWD, EPWE, or EPWF.

Product number

The following are newly announced features on the specific models of the IBM Power Systems 8284 machine type:

New features available February 26, 2016

Description	Machine type	Model	Feature number
570 Processor Days Activation for #EPWA	8284	22A	EPNA
570 Processor Days Activation for #EPWB	8284	22A	EPNB
570 Processor Days Activation for #EPWC	8284	22A	EPNC
570 Processor Days Activation for #EPWD	8284	22A	EPND
570 Processor Days Activation for #EPWE	8284	22A	EPNE
570 Processor Days Activation for #EPWF	8284	22A	EPNF
Small Linux Configuration -- 2 10-core 3.42GHz Processors, 256 GB Memory, 146 GB HDD	8284	22A	EPWA
Medium Linux Configuration - 2 10-core 3.42 GHz Processors, 512 GB Memory, 146 GB HDD	8284	22A	EPWB
Large Linux Configuration -- 2 10-core 3.42 GHz Processors, 1 TB Memory, 146 GB HDD	8284	22A	EPWC
Small AIX Configuration -- 2 10-core 3.42 GHz Processors, 256 GB Memory, 146 GB HDD	8284	22A	EPWD
Medium AIX Configuration - 2 10-core 3.42 GHz Processors, 512 GB Memory, 146 GB HDD	8284	22A	EPWE
Large AIX Configuration - 2 10--core 3.42 GHz Processors, 1 TB Memory, 146 GB HDD	8284	22A	EPWF

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^(R) ID and password are required (use IBM ID).

[BP Attachment for Announcement Letter 116-003](#)

Publications

No publications are shipped with the announced products.

The IBM Publications Center Portal is located at

<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. A large number of publications are available online in various file formats, which can currently be downloaded.

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/ites.wss/zz/en?pageType=tp_search_new

Technical information

Specified operating environment

Physical specifications

For physical specifications, refer to the Sales Manual.

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

Planning information

Cable orders

No cables required.

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

Equal to the volume commitment discount

Field-installable feature

Yes

Warranty period

This feature assumes 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

Machine code

Same license terms and conditions as base machine

Optional features warranty period

- Optional features - One year

Prices

For additional information and current prices, contact your local IBM representative.

The following are newly announced features on the specific models of the IBM Power Systems 8284 machine type:

Description	Model	Feature	Purchase	Minimum Initial/ Monthly MES/ Charge	Maint.	Both/ Support	RP CSU MES
Machine type 8284	number	number	price				

570 Days Activation-EPWA

	22A	EPNA	Both	Yes	No
570 Days Activation-EPWB	22A	EPNB	Both	Yes	No
570 Days Activation-EPWC	22A	EPNC	Both	Yes	No
570 Days Activation-EPWD	22A	EPND	Both	Yes	No
570 Days Activation-EPWE	22A	EPNE	Both	Yes	No
570 Days Activation-EPWF	22A	EPNF	Both	Yes	No
Linux- 20-core 3.42 GHz, 256GB	22A	EPWA	Initial	N/A	No
Linux-20-core 3.42 GHz, 512GB	22A	EPWB	Initial	N/A	No
Linux-20-core 3.42GHz, 1TB Mem	22A	EPWC	Initial	N/A	No
AIX-20-core 3.42GHz, 256GB Mem	22A	EPWD	Initial	N/A	No
AIX-20-core 3.42GHz, 512GB Mem	22A	EPWE	Initial	N/A	No
AIX-20-core 3.42GHz, 1TB Mem	22A	EPWF	Initial	N/A	No

Pricing terms

Prices in the following PDF prices link are suggested list prices on day of announcement for the US 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.

[ENUS-116-003-LIST_PRICES_2016_01_19.PDF](#)

Feature conversion purchase price

Not applicable

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

Corrections

(Corrected on January 19, 2016)

Reloaded US Prices file.