IBM Express Portfolio is updated to include new System x options

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Overview

IBM announces new Express® Seller options with special pricing and terms and conditions. The information for these options is based on standard options but is not an exact match. Review the specifications included in this announcement and in the IBM® announcements listed below for specific information regarding technical specifications, warranty, and terms and conditions applicable to these options.

New part number	Standard part number	IBM announcement number
90Y4590	90Y5942	ZG12-0055
90Y4591	90Y5944	ZG12-0055
90Y4592	90Y5945	ZG12-0055
90Y4593	69Y5672	
90Y4594	69Y5675	
90Y4595	69Y5676	
90Y4596	69Y5323	ZG12-0051
90Y4597	69Y5326	ZG12-0051
90Y4598	69Y5327	ZG12-0051
90Y4599	69Y5329	ZG12-0051
00D7080	69Y5325	ZG12-0051
00D7090	59Y4023	ZG10-0021
00D7089	49Y1400	ZG10-0200
00D7081	81Y4542	ZG12-0067
00D7082	81Y4481	ZG12-0067
00D7083	81Y4546	ZG12-0067
00D7084	81Y4487	ZG12-0067
00D7085	81Y4484	ZG12-0067
00D7086	94Y5974	ZG12-0055
00D7087	94Y6668	ZG12-0051
00D7088	94Y6669	ZG12-0051
81Y9840	81Y9722	ZG11-0108
81Y9848	81Y9730	ZG11-0108
90Y8830	81Y9786	ZG12-0056
90Y8826	81Y9790	ZG12-0056
90Y8822	81Y9794	ZG12-0056
81Y9935	81Y9670	ZG11-0232
81Y9927	81Y9650	ZG11-0232
90Y8858	90Y8567	ZG12-0056

Key prerequisites

None

Planned availability date

March 6, 2012:

```
00D7090  Intel Xeon™ Processor X5650 6C 2.66GHz 12M Cache 1333MHz 95w
00D7089  16GB (1x16GB, 4Rx4, 1.35V) PC3L-8500 CL7 ECC DDR3 1066MHz
         Chipkill LP R DIMM
81Y9840  IBM 250GB 7.2K 6Gbps NL SATA
         2.5" SFF Slim-HS HDD
81Y9848  IBM 1TB 7.2K 6Gbps NL SATA 2.5" SFF Slim-HS HDD
81Y9935  IBM 300GB 15K 6Gbps SAS 2.5" SFF HS HDD
81Y9927  IBM 900GB 10K 6Gbps SAS 2.5" HS HDD
```

March 16, 2012: All other parts

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details
on the products accessibility compliance can be requested via IBM's website:

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

Reference information

Refer to the following Hardware Announcements for product information:

New part number	Standard part number	IBM announcement number
90Y4590	90Y5942	ZG12-0055
90Y4591	90Y5944	ZG12-0055
90Y4592	90Y5945	ZG12-0055
90Y4593	69Y5672	
90Y4594	69Y5675	
90Y4595	69Y5676	
90Y4596	69Y5323	ZG12-0051
90Y4597	69Y5326	ZG12-0051
90Y4598	69Y5327	ZG12-0051
90Y4599	69Y5329	ZG12-0051
00D7080	69Y5325	ZG12-0051
00D7090	59Y4023	ZG10-0021
00D7089	49Y1400	ZG10-0200
00D7081	81Y4542	ZG12-0067
00D7082	81Y4481	ZG12-0067
00D7083	81Y4546	ZG12-0067
00D7084	81Y4487	ZG12-0067
00D7085	81Y4484	ZG12-0067
00D7086	94Y5974	ZG12-0055
00D7087	94Y6668	ZG12-0051
00D7088	94Y6669	ZG12-0051
81Y9840	81Y9722	ZG11-0108
81Y9848	81Y9730	ZG11-0108
90Y8830	81Y9786	ZG12-0056
90Y8826	81Y9790	ZG12-0056
90Y8822	81Y9794	ZG12-0056
81Y9935	81Y9670	ZG11-0232
81Y9927	81Y9650	ZG11-0232
90Y8858	90Y8567	ZG12-0056

Product number

x3500 M4

```
90Y4590 Intel Xeon Processor E5-2603 4C 1.8GHz 10MB Cache 1066MHz 80W
90Y4591 Intel Xeon Processor E5-2609 4C 2.4GHz 10MB Cache 1066MHz 80W
90Y4592 Intel Xeon Processor E5-2620 6C 2.0GHz 15MB Cache 1333MHz 95W
```

x3550 M4

```
90Y4593 Intel Xeon Processor E5-2603 4C 1.8GHz 10MB 1066MHz 80W W/Fan
90Y4594 Intel Xeon Processor E5-2620 6C 2.0GHz 15MB 1333MHz 95W W/Fan
90Y4595 Intel Xeon Processor E5-2630 6C 2.3GHz 15MB 1333MHz 95W W/Fan
```

x3650 M4

```
90Y4596 Intel Xeon Processor E5-2603 4C 1.8GHz 10MB 1066MHz 80W W/Fan
90Y4597 Intel Xeon Processor E5-2620 6C 2.0GHz 15MB 1333MHz 95W W/Fan
90Y4598 Intel Xeon Processor E5-2630 6C 2.3GHz 15MB 1333MHz 95W W/Fan

90Y4599 Intel Xeon Processor E5-2650 8C 2.0GHz 20MB 1600MHz 95W W/Fan
00D7080 Intel Xeon Processor E5-2609 4C 2.4GHz 10MB 1066MHz 80W W/Fan
```

x6500 M3

```
00D7090 Intel Xeon Processor X5650 6C 2.66GHz 12M Cache 1333MHz 95w
```

x3500 M3, x3550 M3, x3650 M3, x3620 M3

```
00D7089 16GB (1x16GB, 4Rx4, 1.35V) PC3L-8500 CL7 ECC DDR3 1066MHz
        Chipkill LP R DIMM
```

Used across various products

```
00D7081 ServeRAID M1100 Series Zero Cache/RAID 5 Upgrade for IBM
        System x
00D7082 ServeRAID M5110 SAS/SATA Controller for IBM System x
00D7083 ServeRAID M5100 Series RAID 6 Upgrade for IBM System x
00D7084 ServeRAID M5100 Series 512MB Flash/RAID 5 Upgrade for
        IBM System x
00D7085 ServeRAID M5100 Series 512MB Cache/RAID 5 Upgrade for
        IBM System x
```

x3550 M4

```
00D7086 IBM System x® 750W High Efficiency Platinum AC Power® Supply
```

x3650 M4

```
00D7087 IBM System x 550W High Efficiency Platinum AC Power Supply
00D7088 IBM System x 750W High Efficiency Platinum AC Power Supply
```

used across various systems

```
81Y9840 IBM 250GB 7.2K 6Gbps NL SATA 2.5" SFF Slim-HS HDD
81Y9848 IBM 1TB 7.2K 6Gbps NL SATA 2.5" SFF Slim-HS HDD
90Y8830 IBM 500GB 7.2K 6Gbps NL SATA 3.5" HDD
90Y8826 IBM 1TB 7.2K 6Gbps NL SATA 3.5" HDD
90Y8822 IBM 2TB 7.2K 6Gbps NL SATA 3.5" HDD
81Y9935 IBM 300GB 15K 6Gbps SAS 2.5" SFF HS HDD
81Y9927 IBM 900GB 10K 6Gbps SAS 2.5" HS HDD
90Y8858 IBM 1TB 7.2K 6Gbps NL SAS 3.5" PI HDD
```

Services

Global Technology Services

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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.

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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.

Technical information

Planning information

Customer responsibilities

These systems are designated as customer setup (CSU).

Supplies

For end users: None

Security, auditability, and control

For a complete description of each product, refer to the IBM Hardware Announcements listed in the Reference information section.

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

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings, for the efficient installation, implementation, and/or integration of this product.

Terms and conditions

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

Warranty period

- Three years

Warranty service

An IBM part or feature installed during the initial installation of an IBM machine is subject to a full warranty effective on the date of installation of the machine. An IBM part or feature which replaces a previously installed part or feature assumes the remainder of the warranty period for the replaced part or feature. An IBM part or feature added to a machine without replacing a previously installed part or feature is subject to a full warranty effective on its date of installation. Unless specified

otherwise, the warranty period, type of warranty service, and service level of a part or feature are the same as those for the machine it is installed in.

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 website. You must follow the problem determination and resolution procedures that IBM specifies. Scheduling of service will depend upon the time of your call and is subject to parts availability. 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 or a Tier 2 CRU. Installation of a Tier 1 CRU 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 designated for your machine.

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-947.ibm.com/support/entry/portal/docdisplay?Indocid=GCOR-3FBJK2

For more information, refer to Marketing Announcement ZS01-0168, 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.

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

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- Products purchased under this program are eligible for 15 days' price protection from the date of shipment. For full details, refer to the program Terms and Conditions.
- There is no accommodation for the return to IBM of any products ordered under the terms of this program.
- Products purchased under the terms of this offering are not available to be sold as part of a Special Bid.

Warranty service upgrades

IBM hourly service rate classification
Two

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 machine code

IBM machine code is licensed for use by a customer on the IBM machine for
which it was provided by IBM under the terms and conditions of the IBM License
Agreement for machine code, to enable the machine to function in accordance with
its specifications, and only for the capacity authorized by IBM and acquired by the
customer. You can obtain the agreement by contacting your IBM representative or
visiting

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

If the machine does not function as warranted and your problem can be resolved
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If you would prefer, you may request IBM to install downloadable machine code
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