IBM Express Portfolio is updated to include a new IBM System x model

**Overview**

Effective April 5, 2011, IBM announces a new Express® Seller model, with special pricing and terms and conditions.

The information for this model is based on a standard model, but is not an exact match.

Review the specifications included in this announcement and in the IBM® Hardware Announcement listed in the Reference information section for specific information regarding technical specifications, warranty, and terms and conditions applicable to these models.

<table>
<thead>
<tr>
<th>New part number</th>
<th>Standard part number</th>
<th>IBM Announcement number</th>
<th>Announcement date</th>
</tr>
</thead>
<tbody>
<tr>
<td>7328KAG</td>
<td>7328A2G</td>
<td>ZG10-0326</td>
<td>October 7, 2010</td>
</tr>
</tbody>
</table>

**Key prerequisites**

None

**Planned availability date**

April 5, 2011

**Description**

7328-KAG

**Processor**

Pentium® G6950 2C

**Internal speed**

2.8 GHz

**External speed**

1333 MHz

**Number standard**

1

**Maximum**

1

**L3 cache (full-speed)**

3 MB

**Memory**

2 GB

**DIMMs**

1 x 2 GB UDIMM (2Rx8 1.5V)

**Sockets UDIMM/RDIMM**

4/6

**Capacity UDIMM/RDIMM**

16/32 GB
ServeRAID™ BR10i1 v2
Video controller Matrox G200ev
Memory 128 MB
HDD SS SATA
HDD controllers SATA
Channels 4
Connector int. 1
Connector ext. 0
Tape backup 0
Total bays 7
  5.25/3.5-in half-high 3
  3.5-in slim 4
  2.5-in slim 0
Hot-swap 0
Internal capacity 8.0 TB
Bays available 6
  5.25/3.5-in half-high 2
  3.5-in slim 4
  2.5-in slim 0
Hot-swap 0
Total slots 5
  PCI 2.2 (32/33 MHz) 2
  PCI-E (x8/x4/x1) 3
Slots available 4
Management proc. Optional
Ethernet controller 1 Gb
Optical drive Multiburner
Power supply 401 W
Number standard 1
Hot-swap No
Redundant power No
Auto restart Yes

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 Hardware Announcement ZG10-0326, dated October 07, 2010, for product information.

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Product number

<table>
<thead>
<tr>
<th>Description</th>
<th>Machine type</th>
<th>Model</th>
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</tr>
</thead>
<tbody>
<tr>
<td>IBM System x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Express Model 3200 M3</td>
<td>7328</td>
<td>KAG</td>
<td>7328KAG</td>
</tr>
<tr>
<td>x3200 M3</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>7328KAG G6950 2.8GHz 1333MHz, 1x 2GB 2GB 2Rx8 1.5V UDIMM, O/B S/S 3.5” SATA (4 bays), BR10i1v2, Multiburner, 1x 401W PS</td>
<td></td>
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</tbody>
</table>
Announced in Russia, Armenia, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Ukraine, Azerbaijan, Tajikistan, Turkmenistan, and Uzbekistan only.

**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


For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or visit


For details on education offerings related to specific products, visit


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 Announcement 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

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 is the same as the machine it is installed in.

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 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 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 have been designated as a Tier 1 CRU:

x3200 M3

- Blank filler
- Cable-management arm
- Hard disk drive
- Hot-swap power supply (option)
- Lift handle kit
- Memory DIMM
• Memory expansion card
• Optical drive
• PCI adapter
• PCI divider
• Power cord
• Service label
• Service processor
• System label
• Top cover
• Voltage regulator module

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-county service delivery is used.

International Warranty Service (IWS)
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


For more information, refer to Marketing Announcement ZS01-0168, dated September 25, 2001.

ServicePac® Service Upgrades
The announced products are also eligible for ServicePac warranty upgrades. ServicePacs provide a higher level of service than that provided under the base IBM Machine Warranty.

ServicePacs can be purchased from your IBM Business Partner and are specific to the machines/products listed.

<table>
<thead>
<tr>
<th>ServicePac offering</th>
<th>e-ServicePac number</th>
<th>Ordering part number</th>
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<tr>
<td>7328</td>
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<tr>
<td>3yr On-site Repair 9hr x 5 days 4hr Resp Target</td>
<td>PC720 e-ServicePac - 43X3859 (2)</td>
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<tr>
<td>3yr On-site Repair 24hr x 7 days 4hr Resp Target</td>
<td>PC721 e-ServicePac - 43X3860 (2)</td>
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<td>Service Level</td>
<td>PC Code</td>
<td>e-ServicePac Code</td>
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<td>3yr On-site Repair</td>
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<td>e-ServicePac - 41W9355</td>
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<td>24hr x 7 days 6hr Committed Service</td>
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<td>3yr On-site Repair</td>
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<td>e-ServicePac - 519459</td>
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<td>3yr On-site Repair</td>
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<td>e-ServicePac - 91Y0370</td>
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<td>e-ServicePac - 68Y5025</td>
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<td>e-ServicePac - 68Y5146</td>
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<td>3yr On-site Repair</td>
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<td>24hr x 7 days 24hr Committed Service</td>
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</table>

**Announcement countries for ServicePacs**

Announcement is restricted to the following countries:

e-ServicePac

- Austria, Belgium, Bulgaria, Croatia, Czech Rep, Denmark, Egypt, Estonia(10), Finland, France(1), Greece, Hungary, Ireland, Israel, Italy, Latvia(10), Lithuania(10), Luxembourg, Morocco(11), Netherlands, Norway, Pakistan, Poland, Portugal, Romania, Russia(2), Serbia, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Tunisia(12), Turkey, Ukraine, United Kingdom(3).

(1) Except overseas territories
(2) Except Russia
(3) UK mainland only
(4) Austria, Germany, Turkey, and South Africa only
(5) Czech Republic, Hungary, Poland, Slovakia, Slovenia, Switzerland, Romania, Russia, Bulgaria, Croatia, Serbia, Morocco, and Tunisia only
(6) Czech Republic, Hungary, Poland, Russia, Bulgaria, Slovakia, Slovenia, Turkey, Romania, Croatia, Serbia, Morocco, and

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All models

IBM Announcement ZS06-0105, dated February 17, 2006. Refer to the final section for details of availability and limitations, if applicable.

Maintenance

The products in this document are also covered by Maintenance Agreements and ServiceSuite™ contracts

Licensing

Programs included with this product are licensed under the terms and conditions of the License Agreements that are shipped with the system.

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.

Terms and Conditions for Express Seller Products

The designated products are available only as part of the IBM Express Seller program. For full details of the terms and conditions, refer to the Express Seller Program Terms and Conditions applicable to a specific Business Partner.

Note: Copies of the Express Seller Program Terms and Conditions are available locally.

In summary:

- Orders for Express Seller Products must be placed on an order specifically identified as 'Express Seller' and should not contain any other (non-Express Seller) product.
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- IBM will undertake to deliver products purchased under the terms of the Express Seller program within a specified number of days. For full details of the delivery terms for your country, refer to the Express Seller Program Terms and Conditions.
- 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.
**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


If the machine does not function as warranted and your problem can be resolved through your application of downloadable machine code, you are responsible for downloading and installing these designated machine code changes as IBM specifies. If you would prefer, you may request IBM to install downloadable machine code changes; however, you may be charged for that service.

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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.

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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

**Prices**

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**Announcement countries**

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