New features for IBM System x iDataPlex dx360 M2

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At a glance

The IBM® System x® platform takes a new approach to solving data center challenges through its latest innovation, iDataPlex -- a flexible and power-efficient design that enables massive scale-out deployments with affordable and customized value.

With this announcement, the iDataPlex dx360 M2 server offers:

• New processor speeds for Dual Intel® Xeon® Processors, 5500 Series
• Up to 128 GB of registered ECC memory supporting Chipkill™
• Additional operating systems support:
  – SUSE Linux® Enterprise Server 11
  – VMware Infrastructure 3.5 and VMware vSphere 4

IBM service options: Three-year Customer Replaceable Unit (CRU) and on-site limited warranty

Easy-to-order, robust factory-built configurations are supported by IBM.

Overview

The IBM System x iDataPlex dx360 M2 offers:

• An award-winning design for data centers, optimizing efficiencies in energy, cooling, and floor space
• The ability to reduce operational costs drastically through an innovative, shallow-depth server form factor
• High-performance computing with broad portfolio flexibility and simplified management

Designed for data centers that require high performance, yet are constrained on floor space, power, and cooling infrastructure, the IBM System x iDataPlex dx360 M2 provides an innovative, half-depth solution optimized for maximum density and incredible efficiency. Featuring the latest Intel Xeon Processor 5500 Series and DDR-3 memory, the dx360 M2 is easy to manage and delivers outstanding performance in a flexible platform that can be tailored to your data center’s processing, storage, and I/O needs.

For high-performance computing, the dx360 M2 allows you to pack more processors into the same power and cooling envelope as traditional servers, better utilizing floor space and optimizing the data center. The flexible design of the dx360 M2 enables the right compute, storage, and I/O capabilities required in your data center.
The innovative, half-depth form factor of the dx360 M2 reduces the airflow required across the components, lowering the power needed for cooling. High-efficiency power supplies, larger, better-optimized fans in the 2U chassis, and power management capabilities provide further efficiencies to minimize the dx360 M2's power requirements.

The dx360 M2 is simple to manage on a server level or at a rack level as part of an iDataPlex rack. IBM ToolsCenter provides common management across all System x servers, making the dx360 M2 easy to incorporate into your data center.

**Key prerequisites**

None

**Planned availability date**

October 29, 2009

**Description**

IBM System iDataPlex dx360 M2 offers new options and features.

**Product number**

IBM System x iDataPlex Pseudo Options

<table>
<thead>
<tr>
<th>Description</th>
<th>Part number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Asm, 2 1PM SAS to 4x</td>
<td>59Y3101</td>
</tr>
<tr>
<td>2x2.5&quot; SS GEN-II, convert to 3.5&quot; Bay, 2PM SAS to 4X</td>
<td>49Y6986</td>
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<td>Intel Xeon Processor E5530 (2.40GHz 8MB 5.86GT/s 1066MHz 80W)</td>
<td>49Y6797</td>
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<td>Intel Xeon Processor L5506 (2.13GHz 4MB 4.8GT/s 800MHz 60W)</td>
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<td>Intel Xeon Processor E5506 (2.13GHz 4MB 4.8GT/s 800MHz 80W)</td>
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<td>Xeon Processor E5502 (1.86GHz 4MB 4.8GT/s 800MHz 80W Dual-core)</td>
<td>49Y6829</td>
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<td>Intel Xeon Processor L5530 (2.40GHz 8MB 4.8GT/s 1066MHz 60W)</td>
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<td>Power Cable, Graphics, 8P-6P</td>
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These parts are supported only with the iDataPlex or System Cluster 1350 and are not validated nor supported in other configurations.

**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/](http://www.ibm.com/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**

**Planning information**

**Customer responsibilities**
For individual node sales, support is offered and limited to the node only. This support covers warranted hardware only as detailed in the ServerProven® list for that node. Support for software, switches, PDUs, and any other rack-level component is not included in the node-only support.

If for any reason iDataPlex node is to be supported as an iDataPlex solution after the original time of purchase, the solution must adhere to the same code levels as the IBM-approved solution, which means the customer must perform the code update should a code update be required.

When deployed as a solution, the latest solution firmware should be used. If the node is used alone outside of a rack solution, then the latest node firmware should be used.

**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.

**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**

**Field installable feature**
No

**Warranty period**
One year

**Customer setup**
Yes

**Machine code**
Same license terms and conditions as base machine
Pricing

For all local charges, contact your IBM representative.

Announcement countries

All European, Middle Eastern, and African countries.

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