IBM System x iDataPlex dx360 M4

Fast, dense, flexible–designed for low TCO

Highlights

- Extraordinary performance for your most-demanding applications

- Half-depth design provides power and cooling efficiency and ultimate data center space savings

- Easy to deploy, integrate, service and manage

Your applications are demanding. Analytics, imaging and simulation workloads require extreme computational power. But with most IT budgets under constant pressure, your organization also demands financial responsibility. To support these competing challenges, you need a scalable high-performance computing system that supports the highest possible computational performance coupled with simple management, all while offering energy efficiency and extraordinary density to help you conserve power and data center floor space.

Improved compute density

The IBM System x® iDataPlex® dx360 M4 is designed to optimize density and performance within typical data center infrastructure limits. The unique half-depth form factor is designed to help you improve compute density in your space-constrained data center while also improving system cooling and energy efficiency.

Balance your performance

With options from highly efficient low-voltage 60 W processors to high-performance 130 W processors, you can precisely balance your performance needs against energy usage. Up to 2 GPUs or GPGPUs or 4 SxM GPGPUs can also be included as expansion options for those specialty workload needs. Networking choices include Ethernet up to 10 Gbps and InfiniBand® connectivity. Also choose from three storage configurations based on performance and capacity needs. A range of power supply selections round out flexible configuration options, so you can choose the right system to support your workloads within your data center power and cooling envelope and budget limits.

IBM System x iDataPlex dx360 M4 at a glance

Form factor/height	Half-depth, 2U chassis with up to two planar trays
Processor (max)	Two 2.7 GHz 8-core Intel Xeon E5-2600 Series processors
Number of processors (std/max)	2/2
Cache (max)	Up to 20 MB
Memory (max)	Up to 256 GB DDR3* via 16 DIMM slots (UDIMM/RDIMM)
Expansion slots	Up to 2 PCIe Gen 3.0 slots
Disk bays (total/hot-swap)	One 3.5" simple-swap SATA or two 2.5" simple swap SAS/SATA HDDs or SSDs, or four 1.8" simple-swap SSDs
Maximum internal storage	Up to 6.0 TB per 2U chassis
Network interface	2 × 1 GbE (std.), 2 InfiniBand FDR10 ports (slotless option), 2 × 10 GbE (slotless option)
Power supply (std/max)	1/2; 550 W, 750 W, or 900 W with 80 PLUS Platinum certification, redundant
Hot-swap components	Power supplies
RAID support	Integrated 6 Gbps hardware RAID-0,-1,-10, optional RAID-5, -6, -10, -50, -60
System management	IMM v2 with dedicated management port
Operating systems	Red Hat Enterprise Linux, SUSE Linux Enterprise Server, Microsoft Windows Server 2008 R2, 2008 (Datacenter, PC, Enterprise and Web), VMware vSphere Hypervisor
Limited warranty	3-year customer replaceable unit and onsite limited warranty, next business day 9x5, service upgrades available

For more information

To learn more about the iDataPlex dx360 M4, visit:
ibm.com/systems/x/idataplex or contact your IBM sales representative or IBM Business Partner.