

Cyberserve X1048-520

1U Intel Dual Xeon Rackmount Server



Features

- Support for Dual Intel 64-bit Xeon Quad-Core 5000 Series Processor or Dual-Core, with 667/1066/1333 MHz FSB
- Up to 32GB DDR2 667 & 533 ECC SDRAM Memory
- 4x SCSI U320 Hot Swap Drive Bays
- Adaptec RAID Controller on Board
- On-board graphics
- Dual Gigabit Network Controller
- IMPI 2.0 Remote Management



The X1048-520 Intel Dual Xeon Rack Mount Server is a dual processor 1U rack mount server and provides a cost effective solution for web servers and general office servers and are ideal for those requiring a combination of performance and value for money in their rack mount servers. It can support Dual Intel 64-bit Xeon Quad-Core or Dual-Core processors with 667/1066/1333 MHz FSB processors. Up to 32GB DDR2 667 & 533 SDRAM Memory can be housed in the 8 x 240-pin dimm memory slots, dual Gigabit network ports and on-board graphics come as standard.

X1048-520 Specification

Chassis	SC813MS-520CB
Motherboard	Supermicro X7DBR-8
Processor	Support for Dual Intel 64-bit Xeon Quad-Core or Dual-Core processors with 667/1066/1333 MHz FSB processors
Chipset	Intel® 5000P (Blackford) chipset MCH + PXH-V + ESB2
Memory Type / Slots / Upgrade	Eight 240-pin DIMM sockets, Supports up to 32 GB 667 / 533MHz DDR2 ECC FB-DIMM memory, Dual branch memory bus , Memory must be populated in pairs, Memory Mirroring supported
Graphics	ATI ES1000 controller with 16 MB of video memory
Expansion Slots	<ul style="list-style-type: none"> • Left Universal Slot • 1 64-bit 100MHz PCI-X OR • 1 (x8) PCI-e Slot • Right Universal Slot • 1 64-bit 100MHz PCI-X OR • 1 (x8) PCI-e Slot
Optical Drives	TEAC Slim 24x CD-ROM / DVD RW drive (Optional)
Hard Drive Controller	Adaptec AIC-9410 Serial-Attached SCSI (SAS) Controller ,Dual-Channel SAS (1 internal, 1 external) , Each SAS channel supports up to 4 SAS / SATA drives for a total of up to 8 SAS or SATA hard drives , Host RAID 0, 1, & 10 support ,Intel ESB2 SATA 3.0Gbps Controller RAID 0, 1, 5, 10 support (Windows Only) , RAID 0, 1, 10 support (Linux) , Adaptec AIC-7902 Controller, Dual-Channel Ultra320 SCSI (Host RAID only supports 4 drives), 1 Internal Channel, 1 External Channel, Host RAID 0, 1, & 10 support
Storage	4x SCSI U320 Hot Swap Drive Bays
Network Controller	Intel® (ESB2/Gilgal) 82563EB Dual-Port Gigabit Ethernet Controller , Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output, Intel® I/OAT support for fast, scaleable, and reliable networking
External I/O Ports	2x RJ45 LAN ports, 2x USB rear ports, 1x VGA port, PS2/ keyboard and mouse ports, 1 fast UART 16550 serial port
Chassis Dimensions	Height - 1.7"(43mm), Width - 17.2"(437mm), Depth 19.8" (503mm), 1U Rackmount Chassis
Power Supply	520W AC to DC power supply w/ PFC
Rackmount Rails	Included
Warranty	3 Year Limited
Operating System	Support 64 bit Operating System – Check For Latest Drives Support 32 bit Operating System – Check For Latest Drives

More Information

The Broadberry X1048-520 Intel Dual Xeon 1U Rack Mount Server gives you a choice of configurations including processor, memory and hard drive support, please contact one of our experienced sales or technical staff who will be more than happy to discuss the options with you.

Custom Intel Dual Xeon 1U Servers

Our Technical Sales and Engineering department would be happy to assist in any additional requirements you may have for your specific Intel Dual Xeon 1U server requirements, for example if you need additional network ports, serial or parallel ports, or multiple graphics outputs, we can usually assist. We offer a wide selection of cost effective, high performance Intel Dual Xeon 1U rackmount servers. If you do not see an Intel Dual Xeon 1U rackmount server that meets your requirements we can customise an Intel Dual Xeon 1U rackmount server to meet almost any specification. Our experienced sales & technical staff can help you to determine the appropriate Intel Dual Xeon 1U rackmount server configuration for your exact requirements, for example, if you require a customised front bezel with your corporate identity, or have special installation or software installation procedures.

IPMI Remote Management

IPMI operates independently of the operating system and allows administrators to manage a system remotely even in the absence of the operating system or the system management software, or even if the monitored system is not powered on. IPMI can also function when the operating system has started, and offers enhanced features when used with the system management software.

Some key features of IPMI:

- Remotely Monitor Power, Fan Speed, Temperature
- Remote monitor of system intrusion
- Remote Power Cycle (hot and cold boot)
- Remote BIOS Control & Remote Video Output (text only)
- KVM over IP (only available on certain models - please check with your sales representative)

Remote Boot device

IPMI can send out alerts via a direct serial connection, a local area network (LAN) or a serial over LAN (SOL) connection to a remote client. System administrators can then use IPMI messaging to query platform status, to review hardware logs, or to issue other requests from a remote console through the same connections. The standard also defines an alerting mechanism for the system to send a simple network management protocol (SNMP) platform event trap (PET).

System Drivers

We pride ourselves on our Servers having more drivers available than most other Leading Branded Servers. Drivers are available for Microsoft Windows XP, Vista & all Microsoft Windows Server Editions, Drivers are also available for most versions of Linux. Please check with your sales representative for any specific requirements. Most of our intel dual xeon rackmount 1U server are also certified by vmware and citrix for virtualisation.

Delivery, Configuration & Testing

Delivery, configuration and testing of your Intel Dual Xeon 1U rackmount server will normally be between 5 to 7 working days from receipt of order, please contact your sales representative if you have any special delivery, configuration or testing requests for your Intel Dual Xeon 1U rackmount server. Celeron, Celeron Inside, Centrino, Centrino Logo, Core Inside, Intel, Intel Logo, Intel Core, Intel Inside, Intel Inside Logo, Intel Viiv, Intel vPro, Itanium, Itanium Inside, Pentium, Pentium Inside, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and other countries.

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