

## Cyberserver X108N-R650

### 1U Intel Dual Xeon Rackmount Server



#### Features

- Short Depth
- Support for Dual Intel 64-bit Xeon Quad-Core 5000 Series Processor or Dual-Core, with 667/1066/1333 MHz FSB
- Up to 16GB DDR2 667 & 533ECC SDRAM Memory
- Redundant Hot Swap Power Supplies
- 8 x 2.5 SAS/SATA Hot Swap Drive Bays
- SAS/SATA RAID Controller
- On-board graphics
- Dual Gigabit Network Controller
- IMPI 2.0 Remote Management



The X108N-R650 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 16GB DDR2 667 & 533 SDRAM Memory can be housed in the 6 x 240-pin dimm memory slots, dual Gigabit network ports and on-board graphics come as standard.

#### X108N-R650 Specification

Chassis	SC113TQ-R650CB
Motherboard	Supermicro X7DVL-3
Processor	Support for Dual Intel 64-bit Xeon Quad-Core or Dual-Core processors with 667/1066/1333 MHz FSB processors
Chipset	Intel 5000V (Backford VS) chipset, MCH + ESB2
Memory Type / Slots / Upgrade	Six 240-pin DIMM sockets, Supports up to 16 GB 667 / 533MHz DDR2 ECC FB-DIMM memory, Dual branch memory bus, Memory must be populated in pairs, No Memory Mirroring support
Graphics	XGL Volari Z7 PCI-E Graphics Processor
Expansion Slots	1x 64-bit PCI-X 133MHz Slot ,1 x 32-bit 33MHz PCI(5V) slots, 1x (x8) PCI-e slot
Optical Drives	Optional DVD-ROM or DVD-RWf
Hard Drive Controller	Intel ESB2 SATA 3.0Gbps Controller, RAID 0, 1, 5, 10 support (Windows only), Six Serial ATA ports, Six SATA hard drives supported, LSI 1068E PCI-E SAS Controller, 8 SAS Ports supporting up to 8 SAS HDD, RAID 0, 1, 10 support (Optional: AOC-IButton68) RAID 5 support, Eight SAS ports , Eight SAS hard drives supported
Storage	8x Hot-swap 2.5" SAS/SATA HDD tray
Network Controller	Two Intel (ESB2/Gilgal) 82563B Single-Port Gigabit Ethernet Controllers, Supports 10BASE-T, 100BASE-TX, and 100BASE-T, RJ45 output
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 - 23.5" (597mm) ,1U Rackmount Chassis
Power Supply	650W AC-DC power supply and power distributor 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 X108N-R650 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 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 1U rackmount 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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