

Cyberserve AST08T-645

4U AMD Dual Opteron Tower Server



Features

- Supports up to two AMD Quad-Core /AMD Dual-Core AMD Opteron 2000 Series (Socket F) processor(s)
- Up to 64GB DDR2-667/533/400 SDRAM
- 2 x 5.25" Peripheral Drive Bays
- 8 x 3.5" SAS / SATA Hot-swappable Drive Bays
- On-board graphics
- Dual Gigabit Network Controller



The AST08T-645 AMD Dual Opteron Server is a dual processor tower server and provides a cost effective solution for primary servers, web servers, database applications and server clustering and are ideal for those requiring a combination of high performance and density in their rack mount servers. It can support dual AMD Opteron 64-bit single and dual core processors. Up to 64GB RAM can be housed in the 8 memory slots, dual Gigabit network ports and on-board graphics come as standard. The AST08T-645 can have up to eight SAS hard disk drives and has an on-board RAID controller supporting RAID 0, 1 & 0+1.

AST08T-645 specification

Chassis	SC743T-645B
Motherboard	H8DAE-2
Processor	Supports up to two Quad-Core / Dual-Core AMD Opteron 2000 Series (Socket F) processor(s)
Chipset	nVidia MCP55 Pro , nVidia IO-55 , NEC uPD720400
Memory Type / Slots / Upgrade	Eight 240-pin DIMM sockets , Supports up to 64 GB DDR2 667/533/400 MHz memory , Single or Dual (recommended) channel memory support , For Single CPU: Memory must be populated in CPU1 DIMMs only , For Dual CPUs: Recommended that memory be populated equally in adjacent memory banks
Graphics	High-End PCI-e Graphics (SLI Supported)
Expansion Slots	2 x16 PCI-e Slots (nVidia SLI Technology Supported) , 1 x8 PCI-e Slot , 1 x4 (using x8 slot) PCI-e Slot 1 64-bit 133MHz PCI-X (3.3V) slots , 1 64-bit 100MHz PCI-X (3.3V) slot
Optical Drives	1x 5.25" Bay For Floppy Drive
Hard Drive Controller	nVidia MCP55 Pro SATA2 3.0Gbps Controller , 6 SATA Ports , nVidia RAID 2.0 , SATA RAID 0, 1, 0+1, 5, JBOD Support , 6 SATA2 ports
Storage	8 x 3.5" SAS / SATA Hot-swappable Drive Bays
Network Controller	nVidia MCP55 Pro Chipset Dual-port LAN / Ethernet Controller , Supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
External I/O Ports	1 Floppy port; 1.44 MB support , 2 RJ45 LAN ports , FUCI , Up to 8 USB Ports 2.0 Compliant , 4 Rear Ports , 4 Internal Headers, PS/2 keyboard and mouse ports , 2 Fast UART 16550 serial ports 1 ECP / EPP parallel port , 1 Line In / Line Out / Microphone port , 3 Audio Jacks for 7.1 Sound 2x 1394 internal headers
Chassis Dimensions	Height - 7.0"(178mm), Width - 17.2"(437mm), Depth - 25.5" (648mm) , 4U Rackmount Chassis
Power Supply	645W Low-Noise Power Supply
Rackmount Rails	Included
Warranty	3 Year Limited

More Information

The Broadberry AST08T-645 Dual AMD Opteron Tower 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 AMD Opteron Tower Servers

Our Technical Sales and Engineering department would be happy to assist in any additional requirements you may have for your specific AMD 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 AMD Dual Opteron tower servers. If you do not see an AMD Dual Opteron tower server that meets your requirements we can customise an AMD Dual Opteron tower rackmount server to meet almost any specification. Our experienced sales & technical staff can help you to determine the appropriate AMD Dual Opteron 4U tower 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 AMD Dual Opteron tower servers are also certified by vmware and citrix for virtualisation.

Delivery, Configuration & Testing

Delivery, configuration and testing of your AMD Dual Opteron tower 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 AMD Dual Opteron tower server. AMD, the AMD logo, AMD Athlon, the AMD Athlon logo, AMD Duron, the AMD Duron logo, AMD Opteron, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices, Inc. in the United States and other countries.

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