

A6105D PC Blade

Power up Your Desktop Blade

ClearCube® A6105D PC blade offers the highest performance available in desktop blade computers. Supporting Intel® Core i7™, Core i5™ and Xeon® 3400 series processors, Active Management Technology™ and Intel Trusted Platform Module, A6105D PC Blades combine a robust desktop experience with unparalleled manageability and security.

Quad Monitor over IP

A6105D blades contain PCI Express® graphics cards to deliver a perfect high-end PC experience over an IP network. Dual and Quad PCoIP™ Host Cards transparently redirect USB from the desktop back to the PC blade.

Connecting to ClearCube I9400-series PCoIP Zero Clients—the industry's first quad-monitor zero clients—the A6105D PC blade supports up to four monitors with simultaneous full screen, full motion video at high resolutions up to 1920 x 1200. The A6105D supports the full range of ClearCube PCoIP Zero Clients.

Simple Management and Connection Brokering

A6105D PC blades provide full desktop performance while increasing security and manageability of assets and data. ClearCube Sentral™ management software gives IT administrators total control of their entire centralized infrastructure—from PC blades to virtual desktops—locally or remotely. The management suite provides server-level availability (99.9% uptime) for end user computing.

Green Performance

The A6105D continues ClearCube's history of green computing. *ENERGY STAR® Program Requirements for Computer Servers Version 1.0* does not include specifications for Blade Systems; however, ClearCube always designs for compliance and energy efficiency. The A6105D motherboard meets ENERGY STAR specifications, and the blade contains high-efficiency power supplies that meet 80 PLUS® and 80 PLUS BRONZE specifications.

The 80 PLUS specification requires computer power supplies to be at least 80 percent efficient, meaning that A6105D power supplies are 8 to 12 percent more efficient than previous generation A-series power supplies. Using devices with 80 PLUS power supplies in your enterprise means that you waste less electricity, reduce power draw, can run more devices on the same branch circuit, and generate less heat.



DATA SHEET

Specifications

- General:** Intel Q57 Express Chipset
Integrated Intel Pro 10/100/1000 Ethernet
WfM 2.0 compliant and SMB support
Secure management through Intel Active Management Technology
Intel Trusted Execution Technology (Intel TXT)
Intel Advanced Encryption Standard Instructions (AES-NI)
Supports ASF 2.0 and Trusted Platform Module 1.2
Supports Intel Virtualization Technology
Front LCD provides 3-digit display and LEDs for power and hard drive
- Components:** Supports Intel Core™ i7, Intel Core i5, and Xeon® 3400 series processors
Integrated graphics when used with processors with Intel Graphics Technology
Supports dual- and quad-head PCoIP™ remote graphics options
Up to Two SATA 3.0 Gbps hard disk drives
SATA RAID 0, RAID 1, RAID 0+1 (RAID 10), or RAID 5
Dual-channel, DDR3 1333 and 1066 MHz, unbuffered, non-ECC memory up to 16 GB
Supports Microsoft Windows XP Pro, Windows Vista, and Windows 7
- Connections:** Inside chassis Bench top (for service/configuration only)
- 10/100/1000 Ethernet - 10/100/1000 Ethernet
- Two USB 2.0 ports - Four USB 2.0 ports
- One PCoIP port - Two DVI-D ports
- Power Supply:** 250 W
- Dimensions:** 10.0" H x 29.2" W x 1.63" W (25.4 cm x 74.2 cm x 4.1 cm)
10 blades fit in single chassis (standard 19" rack width)
- Weight:** 15 pounds (6.82 kg)
- Environment:** Stationary office installation, 0° to 35° C