

Model A6106SLW Blade PC Workstation

Power User Blade PC with Xeon® E3-1200 v5 or 6th Generation Core™ i7 and i5 series



ClearCube® A6106SLW Blade PCs enable IT organizations to give power users the robust features they need: Xeon® E3-1200 v5 or 6th generation Intel® Core™ i7 and i5 series processors, Intel® C236 chipsets (Skylake), DDR4-2133 MHz memory, NVIDIA® graphics, dual drive bays (with SSD, HDD, or hybrid/SED options), and dual on-board GbE Ethernet connections. The A6106SLW Blade PC's high-density rack mount platform puts ten Blade PCs in 6U rack space and offers the widest range of 1:1 PCoIP® host card and GPU options available.

Dual Display over IP

For CAD, GIS, and other graphics-intensive applications, a range of 3D GPU options provide support for dual displays. A6106SLW Blade PCs configured with NVIDIA Quadro K420, NVIDIA Quadro K2200 or Quadro M4000 GPU adapters within A6106SLW. Using ClearCube zero clients, dual displays are supported at 1920 × 1200 resolution. The K2200 and M4000 GPUs support dual displays up to 2560 × 1600 resolution.

Quad Display over IP

A6106SLW Blade PCs deliver a remarkable high-end PC experience over an IP network. Connecting to ClearCube PCoIP Zero Clients (supporting copper or fiber-optic networks), A6106SLW Blade PC supports up to four monitors using an NVIDIA K1200 or M4000 GPU with simultaneous full screen, full motion video. For CAD and other GPU-intensive applications, ClearCube configuration supports quad displays at 1920 × 1200 resolution or dual displays at 2560 × 1600 resolution.

Managed Blade PCs

Keeping data securely in the datacenter is the key benefit of using Blade PCs. In addition to increased security, other benefits include better management, increased lifespan, and quicker return to service. Ten front-removable A6106SLW Blade PCs fit into a 6U, A3100 chassis. Hard drive options include SSDs for the highest performance, SEDs to meet security mandates, and SATA for economy. Two drives per blade PC support various RAID configurations, and users can remove drives without having to open the blade.

Dedicated 1:1 performance

Dual display @ 2560 × 1600

Quad display @ 1920 × 1200

Skylake microarchitecture

Up to 64 GB RAM

Versatile, High-Density,
High-Performance Platform

10 Blade PCs in 6U



Simple Management, Connection Brokering and More

A6106SLW Blade PCs provide full desktop or workstation performance while increasing security and manageability of assets and data. ClearCube Sentral™ Connection Broker and Sentral Endpoint Manager software give IT administrators total control of their centralized infrastructure—from Blade PCs to virtual desktops—locally or remotely. The management suite provides server-level availability (99.9% uptime) for end user computing. Using Intel Active Management Technology (AMT) 11.0, A6106SLW administrators can remotely manage workstation power functions (power up, power down, and reset), access and change BIOS settings remotely, and perform serial-over-LAN (SOL) and storage redirection. Users can power off workstations from the zero client desktop without administrator intervention.

Specifications

A6106SLW Blade PC Specifications	
Form Factor	6U rackmount; 10 workstations fit in one standard, 19-inch rack width
CPU	Intel® Xeon® processor E3-1200 v5 or Intel 6th Generation (Skylake) Core™ i7/i5
Memory Capacity/Type	Four DIMM sockets. DDR4, 1.2 V, unbuffered, non-ECC UDIMM at 2133 MHz Supports up to 64 GB
DIMM Sizes	8 GB, 16 GB
Drives	Two drives. 480 GB SSD, 500 GB HDD, or 1 TB HDD. Supports RAID 0, 1.
Connections	<p>Inside chassis</p> <p>USB 2.0 (×2)</p> <p>RJ45 LAN, Gigabit (×2)</p> <p>RJ45 dedicated PCoIP (×1)</p> <p>Bench top (for service and configuration only)</p> <p>RJ45 LAN, Gigabit (×1)</p> <p>RJ45 dedicated PCoIP (×1)</p> <p>DVI-D (×1), DisplayPort® 1.2 (×1), HDMI 1.4 (×1), USB 3.1 (×2), USB 2.0 (×2)</p>
Dimensions	26.3" (L) x 10" (H) x 1.63" (W); 74.4 cm (L) x 25.4 cm (H) x 4.1 cm (W)
Gross Weight	15 lbs (6.82 kg)
Power Supply	350 W AC power supply
AC Voltage	100-240 V, 50-60 Hz
Operating Temperature	10°C to 35°C (50°F to 95°F)
Operating Relative Humidity	8% to 90% (non-condensing)
GPU/Host Card Options	<p>Quadro K420 + Dual Host Card (two 1920 × 1200 displays)</p> <p>Quadro K2200 + Dual Host Card (two 1920 × 1200 displays)</p> <p>Quadro K2200 + Quad Host Card (two 2560 × 1600 displays)</p> <p>Quadro M400 + Dual Host Card (two 1920 × 1200 displays)</p> <p>Quadro K1200 + Quad Host Card (four 1920 × 1200 displays)</p> <p>Quadro M4000 + Quad Host Card (four 1920 × 1200 displays)</p> <p>Quadro M4000 + Quad Host Card (two 2560 × 1600 displays)</p>
Operating System	<p>Windows 10 Professional, 64-bit</p> <p>No operating system (Linux® Ready)</p>

A3100 Chassis with 10 A6106SLW Blade PCs



Ordering Information

Please call us for configuration options for the A6106SLW Blade PC Workstations.

Voice: 512.652.3500
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