



CLEARCUBE

# A6106SLW Blade PC WorkStation

Power User Blade PC with Xeon® E3-1200 v5 or 6<sup>th</sup> 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 6<sup>th</sup> 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 P400, NVIDIA Quadro P1000, P2000 or P4000 GPU adapters within A6106SLW. Using ClearCube zero clients, dual displays are supported at 1920 x 1200 resolution. The P1000, P2000 and P4000 GPUs support dual displays up to 2560 x 1600 resolution.



## Benefits

 -Dedicated 1:1 performance	 -Dual display @ 2560 x 1600  -Quad display @ 1920 x 1200	 -Skylake microarchitecture	 -Versatile, High-Density, High-Performance Platform	 -Up to 64 GB RAM	 -10 Blade PCs in 6U
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## 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 P1000, P2000 or P4000 GPU with simultaneous full screen, full motion video. For CAD and other GPU-intensive applications, ClearCube configuration supports quad displays at 1920 x 1200 resolution or dual displays at 2560 x 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.



# Blade PC Workstation

## Model A6106SLW

### 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 End-point 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.



A3100 Chassis with 10 A6106SLW Blade PCs



### A6106SLW Blade PC Specifications

<b>Form Factor</b>	6U rackmount; 10 workstations fit in one standard, 19-inch rack width
<b>Chipset</b>	Intel® C236 (Skylake)
<b>Processor</b>	Intel® Xeon® processor E3-1200 v5 or Intel 6th Generation (Skylake) Core™ i7/i5
<b>Memory Capacity/Type</b>	DIMM sockets. DDR4, 1.2 V, unbuffered, non-ECC UDIMM at 2133 MHz Supports up to 64 GB x4
<b>DIMM Sizes</b>	8 GB, 16 GB
<b>Drivers</b>	Two drives. 480 GB SSD, 500 GB HDD, or 1 TB HDD. Supports RAID 0, 1
<b>Connections</b>	USB 3.1 x2 USB 2.0 x4 RJ45 LAN, Gigabit x3 RJ45 dedicated PoE x2 DVI-D x1 DisplayPort® 1.2 x1 HDMI 1.4 x1
<b>Management</b>	Secure management through Intel Active Management Technology v 9.1 Intel Trusted Execution Technology (Intel TXT) Intel Advanced Encryption Standard New Instructions (Intel AES-NI)
<b>GPU/Host Card Options</b>	Quadro P400 + Dual Host Card Quadro P1000 + Dual/Quad Host Card Quadro P2000 + Dual/Quad Host Card Quadro P4000 + Dual/Quad Host Card <b>Note:</b> Dual host cards can deliver up to two 1920 x 1200 or one 2560 x 1600 resolution monitors. Quad host cards can deliver up to four 1920 x 1200 or two 2560 x 1600 resolution monitors.
<b>Storage</b>	SSD 480GB SATA 6.0 MLC SSD 960GB SATA 6.0 MLC HDD 500GB 7200RPM 2.5" 32MB 7MM HDD 1TB 7200RPM 2.5" 32MB 9.5MM SSHD 500GB Hybrid SATA 6.0 SSHD 1TB 5400 RPM SATA 6.0 64MB
<b>Dimensions</b>	26.3" (L) x 10" (H) x 1.63" (W); 74.4 cm (L) x 25.4 cm (H) x 4.1 cm (W)
<b>Gross Weight</b>	15 lbs (6.82 kg)
<b>Power Supply</b>	350 W AC power supply
<b>AC Voltage</b>	100-240 V, 50-60 Hz
<b>Operating Temperature</b>	0°C to 35°C (50°F to 95°F)
<b>Operating Relative Humidity</b>	8% to 90% (non-condensing)
<b>Operating System</b>	Microsoft® Windows 10 No operating system (Linux® Ready)

### Ordering Information

Call: (866) 652-3500 Email: [sales@clearcube.com](mailto:sales@clearcube.com) to order or for more information.

Model Name	Part Number
A6106SLW	GA6106SLW