CLEARCUBE

Tackle tough tasks quickly and get down to business fast with 10th Generation Intel and the latest NVIDIA single-wide GPU.
High performance for intense production.

A6108E Blade PC Workstation

IDEAL FOR:

- **Defense & Government Agencies**
- **Command & Control Centers**
- **Training & Education**
- **Architecture & Engineering**
- **Media & Entertainment**
- **Financial**
- **Healthcare**

Part Number	Part Description
G0806108-E	Embedded A6018 Blade PC

KEY FEATURES

Form Factor
6U rackmount; 10 workstations fit 19-inch wide rack

Chipset
Intel® Q470

Processor
Intel® 10th Generation (Coffee Lake) CoreTM i9/i7/i5

Memory Capacity/Type
DDR4 SO-DIMM x 2 up to 64GB

DIMM Sizes
8GB, 16GB, 32GB

Storage
x1 PCIe3.0 NVMe M.2 up to 2Tb
x2 SATAIII 2.5" Hot swap SSDs up to 4Tb

GPU/Host Card Options*
Quadro P400 + PCoIP Dual Host Card Quadro
P1000 + PCoIP Dual/Quad Host Card Quadro
P2200 + PCoIP Dual/Quad Host Card Quadro
P4000 + PCoIP Dual/Quad Host Card

I/O Physical
Front: USB 2.0 x 2
DisplayPort x 1
Chassis: USB 2.0 x2
RJ45 GIGABIT LAN x2
RJ45 Dedicated PCoIP x1

TECHNICAL SPECS

Temperature
Operating: 0°C to 35°C (50°F to 95°F)

Operating Relative Humidity
8% to 90% non-condensing

Power Supply
80+ Gold rated 350W PSU

AC Voltage
100-240 V, 50-60 Hz

Gross Weight
15 lbs (6.82 kg)

Dimensions
26.3" (L) x 10" (H) x 1.63" (W)

Security
Intel Advanced Encryption Standard New Instructions (Intel AES-NI)
Trusted Platform Module (TPM 2.0)
Intel Trusted Execution Technology (Intel TXT)
UEFI 2.7 BIOS

Management
Secure management through Intel Active Management Technology v 9.2

Operating System
Microsoft® Windows 10
No operating system (Linux® Ready)

*Dual host cards can deliver up to two monitors at 1920 x 1200 or one monitor at 4k resolution (15FPS). Quad host cards can deliver up to four monitors at 1920 x 1200 or two monitors at 4k resolution (15FPS).

BENEFITS

Powered by Intel® 10th Generation (Coffee Lake) Core™ i9/i7/i5

High-density rack mount platform puts 10 Blade PCs in a 6U rack space

TPM 2.0 and UEFI 2.7 BIOS to meet the latest DoD requirements for Windows 10 support

Embedded system to meet long term support requirements

Dual 4k monitor support for high performance multimedia

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Rear View

LONG TERM BENEFITS

A6108E Blade PCs enable IT organizations to give power users the dynamic features they need to run CAD/CAM/GIS/3D applications, by featuring 10th Generation Intel® Core™ Coffee Lake processors up to i9, Intel Q470 chipsets, 64GB of memory, NVIDIA® Quadro GPUs, two hot-swappable drive 2.5" bays that support Intel RSD Raid, dual or quad 1:1 PCoIP® host cards and dual Gigabit Ethernet connections. For users who have long term support requirements A6108E Blade PCs feature motherboards and processors from Intel's embedded roadmap.

REDUCE THE NOISE, HEAT, AND CLUTTER...INCREASE SECURITY

ClearCube Blade PCs deliver true workstation performance in an optimized data center platform. The A6108E workstations are designed for robust performance and efficiency by combining Intel 10th Gen Core™ i5/i7/i9 processors, the latest NVIDIA single-wide P400, P1000, P2200 or P4000 GPU and remote display protocol acceleration to deliver a remarkable high-end PC experience over an IP network.

Working with ClearCube fiber and copper zero clients, A6108E Blade PCs support up to two 4K displays and USB redirection over the network using the PCoIP protocol. Although all the CPU/GPU processing is data center host-rendered, users will receive the same hefty performance benefits of desktop PCs or workstations but without the noise, heat, cable clutter, and security risks with the benefit of the computer being close to the data.

UNPARALLELED DATA AND INTELLECTUAL PROPERTY SECURITY

Protecting data and eliminating the chances of unauthorized access are two important considerations for enterprise companies. The A6108E Blade PCs serve as a local workstation for a dynamic PC performance to end users across the network, ensuring your data and intellectual property is always secure in the data center. Users connect to their A6108E blade PC using PCoIP protocol and a secure client device at the desktop. No data travels across the IP connection — only pixel change updates are sent to the displays.

Ordering Information **CALL: (866) 652-3500**
Email: sales@clearcube.com to order or for more information

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in the
USA

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