



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.**



**Blade PC Workstation  
A6108E**

**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**

**CPU**

Intel 10th Gen i9-10900 (10C/20T, 2.8 ghz up to 5.2 Ghz, 65W, vPRO) or i5-10500 (6C/12T, 3.1 GHz up to 4.5 GHz, 65W, vPRO) TPM 2.0, Secure Boot

**Display/Resolution**

GPU: Up to NVIDIA RTX A4000

**I/O Physical**

- DP 1.2 (optional HDMI 1.40)
- 3 x USB 2.0
- 2 x RJ45 1Gbps
- 1 x PCoIP 1Gbps
- USB Header
- E Key 2230
- B Key
- SATA Port

**Memory**

Type: DDR4 2933 x 2  
Recommended: 32GB Max: 64GB

**Storage**

- M Key 2280
- SATA 2.5" x 2
- SATA 2.5 Removable x 2

**Network**

- 1Gbe Copper
- 2.5 GBe Copper
- PCoIP 1Gbe Copper
- Optional 10Gb Copper

**TECHNICAL SPECS**

**Weight**

15 lbs. (6.82 kg)

**Dimensions**

10" (H) x 26.5" (L) x 1.63" (W)  
6U  
6/10U

**Environment**

Operating: 32°F - 104°F (10% to 90% non-condensing)  
Storage: -4 - 140°F (5% to 95% non-condensing)

**Power**

80+ Gold rated 350W PSU  
100-240 V, 50-60 Hz

**Regulatory Compliance**

TAA Compliant

**Operating System**

- Stratodesk
- IGEL
- Windows 10 IoT
- Windows 10 Pro

\*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)

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**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



## 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.

## 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.

## 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 512.652.3500**

Email: [sales@clearcube.com](mailto:sales@clearcube.com) to order or for more information



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