Tackle tough tasks quickly and get down to business fast with 13th Generation Intel and the latest NVIDIA single-wide GPU.

High performance for intense production.

Blade PC Workstation
A6112

IDEAL FOR:

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

Part Number	Part Description
G0806112	Embedded A6112 Blade PC

KEY FEATURES

CPU
Intel 13th Gen i9-13900 (24C/32T, 2.0 GHz up to 5.6 GHz, 65W, vPRO) or i5-13500 (14C/20T, 2.5 GHz up to 4.8 GHz, 65W, vPRO) TPM 2.0, Secure Boot

Display/Resolution
GPU: Up to NVIDIA RTX A4000

I/O Physical
DP 1.4a
2 x USB 2.0
2 x USB 3.0
2 x RJ45 2.5Gbps
1 x PCoIP 1Gbps
USB Header
E Key 2230
B Key
SATA Port

Memory
2 x DDR4 SODIMM
64GB

Storage
M Key 2242/2260/2280
SATA 2.5" x 2
SATA 2.5 Removable x 2
Second M.2 NVME slot

Network
2 x 2.5 GBe Copper
PCoIP 1Gbe Copper
Optional 10Gb Copper

TECHNICAL SPECS

Weight
15 lbs. (6.82 kg)

Dimensions
10" (H) x 26.3" (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
Windows 11

*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 13th Generation Core i9/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

 I 1505 Volta Drive, Suite 100 Cedar Park, TX 78641 I Voice: 512.652.3500 I Fax: 512.652.3501 I www.clearcube.com

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

ClearCube Blade PCs deliver true workstation performance in an optimized data center platform. The A6112 workstations are designed for robust performance and efficiency by combining Intel 13th Gen CoreTM i5/i9 processors, up to NVIDIA RTX A4000 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, A6112 Blade PCs support up to two 4K displays and USB redirection over the network using the HP Anyware 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 with the benefit of the computer being in an IT- secured area.

OUTPERFORM VIRTUAL GPUs & COST LESS

A6112 Blade PCs enable IT organizations to give power users the dynamic features they need to run CAD/CAM/GIS/3D applications, by featuring 13th Generation Intel® CoreTM Coffee Lake processors up to i9, Intel Q470 chipsets, 64GB of memory, up to NVIDIA® RTX A4000 GPUs, two hot-swappable 2.5” drive 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 A6112 Blade PCs feature motherboards and processors from Intel’s embedded roadmap. Talk to us about why so many companies are switching power users from vGPUs to A6112 blades.

UNPARALLELED DATA AND INTELLECTUAL PROPERTY SECURITY

Protecting data and eliminating the chances of unauthorized access are two important considerations for enterprise companies. The A6112 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. When users connect to their A6112 blade PC using HP Anyware 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 to order or for more information

TAA Compliant Assembled & tested in the USA

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