



Blade PC with Intel® 13th Generation i7, i5
64 GB RAM, and HDMI™ Ports



R3212 Blade PC Workstation

KEY FEATURES

CPU

Intel 13th Gen
i7-1370PE (14C/20T, 3.9 GHz up to 4.8 Ghz, 28W (64W), vPRO, 21012 Passmark)
i5-1350PE (12C/16T, 3.4 GHz up to 4.6 GHz, 28W (64W), vPRO, 20111 Passmark)

Operating System

Stratodesk NoTouch OS
Windows 10
Windows 11
Linux

GPU

Iris Xe Graphics G7

I/O Physical

HDM
2 x USB 3.0
2 x USB 1.1
1 x RJ45 2.5Gbe
1 x RJ45 PCoIP 1Gbps

TECHNICAL SPECS

Dimensions

4.7" (H) x 23.5" (L) x 1.9" (W)
3U

Environment

Office/Operating: 0°C - 35°C

Memory

DDR4 3200
Recommended: 32GB
Max: 64GB

Storage

M.2 2242
SATA 2.5" (optional)

Power

95W
100-240 V, 50-60 Hz

BENEFITS

By centralizing user Blade PCs, IT organizations achieve VDI- like benefits with high availability, ease of management and power efficiencies in a dense data-center-friendly solution.

Part Number	Part Description
G0903212	R3212 Blade PC Workstation
G0903212 -i5	R3212 Blade PC Workstation

BENEFITS



Powerful 1:1 performance



64 GB RAM



Integrated PCoIP Host Card



Allow administrators to hot-swap blades with out disrupting other systems in chassis



Intel ATM 11.0 Core i7 and Core i5 CPUS


R-Series Chassis

ClearCube® R3212 Blade PCs provide high-performance computing for all users in your organization. They feature 13th-gen Intel® Xeon®, Core™ i7, and i5 processors, PCIe® graphics, and three Gigabit Ethernet connections, making them ideal for VMware Horizon power users in VDI environments.

For traditional desktop use cases, Blade PCs offer dedicated 1:1 connectivity that virtual desktops cannot match, providing unmatched performance for graphics applications, legacy apps, and mission-critical apps.

ClearCube's advanced cooling technology and high-density rack design allow for up to eight Blade PCs in a 3U space, delivering full multi-core performance without the heat or noise of traditional desktops. This centralized processing approach enhances security by keeping data storage, memory, and graphics cards in the data center.

Full PC Experience-over-IP

Working with ClearCube Cloud Desktop fiber and copper zero clients, R3212 Blade PCs support up to three displays with simultaneous full screen, full motion video, and full USB redirection over the network using the PCoIP protocol.

Local USB and Video Access

The R3212 brings the speed and versatility of USB 3.1 to the front of the blade for local access in the datacenter. This allows for local peripheral connection and collocating item longterm on the blade itself. The HDMI connector allows administrators to connect an additional display for diagnostics, maintenance, or connection to a video distribution system.

Perfect Complement to VDI Environments and Remote Workstations

R3212 PC Blade provides IT organizations with the ability to address the user requirements while realizing the benefits of centralization and seamlessly integrating into virtual desktop environments. Whether you are using VMware, Citrix, Windows, or PCoIP* connecting back to the R3212 provides users with the full PC experience without sacrificing performance. Combine the R3212 Blade PC with ClearCube's widest selection of endpoints to address even the most demanding users and you have a complete solution that is easy to manage and adds a layer of security that is just not available in distributed environments.

*Connections via PCoIP can be established either through a host card (installed on the R3212) or via the standard version of HP Anywhere software (with a subscription).

Ordering Information: CALL 512.652.3500

 Email: sales@clearcube.com to order or for more information
