

ZERO+ Client ModelCD7012/14



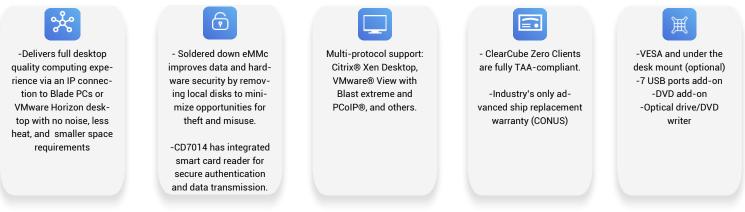
The Security of ClearCube Zero Clients + Multiple Protocol Support

Featuring Secure, Non-Removable AMD® GX-215JJ Dual-Core Embedded SoC

Designed with users in mind, CD7012/14 ZERO+ clients are powered by efficient AMD GX-215JJ dual-core processors with Radeon R2E based graphics core (2C) to deliver excellent computing, high-performance graphics and PC-like user experience. CD7012/14 ZERO+ Clients are small endpoint devices that enable users to work on powerful computers that are remotely located in secure datacenters, and gives IT Administrators in VDI environments flexibility with a choice of remote display protocols.

The CD7012/14 ZERO+ Client delivers hardware and firmware implementations that enhance zero client data security, while delivering ultra-high definition graphics in any VDI environment.

Benefits



Feature Rich Secure Endpoint

The CD7012/14 I/O ports include four USB 3.1 ports and two USB 2.0 ports (six total), one GbE LC fiber-optic LAN port, 3.5 mm audio input and output jacks, and two dual-mode DisplayPort 1.2 (DisplayPort++) connectors to support up to two 2160 ×1600 full motion video displays. DisplayPort++ connectors accept passive adapters to deliver HDMI and DVI signals. Expansion options include an internal WLAN module (Wi-Fi 2.4G and 5G, Bluetooth 3.0 and 4.1) and an optional optical drive/ DVD writer or 7 USB ports add-on.

Security features include an integrated PKI-approved CAC reader that supports 5V, 3V, and 1.8V smart cards for enhanced user-to-network and user-to-application authentication. The 100/1000 BASE-X SFP fiber-optic network module (with LC optical interface) provides increased data security and integrity, and an integrated Kensington® Security Slot provides add-ed anti-theft security. Firmware and data security is hardened by embedded, non-removable eMMC flash memory soldered directly to the ZERO+ Client printed circuit board. Clearcube Desktop Zero Clients are fully TAA-Complaint.



CLEAR CUBE **ZERO+** Client Model CD7012/14



Industries





Government Agencies

Defense



Command & **Control Centers**

Training & Education



AFC

Media &



Healthcare



Manufacturing



CD7012/14 Rear View

Specifications

Processor AMD GX-215JJ SoC: 1.5-2.0 GHz dual-core with Radeon R2E based graphics core (2CU)

Storage 4GB solder-on (non-removable) eMMC

External I/O Ports

Dual-mode DisplayPort × 2

USB 3.0 × 4 USB 2.0 × 2 3.5mm audio out jack (front) x 1 3.5mm audio in jack (front) x 1 1W internal speaker × 1 Power button x 1

Physical Characteristics Metal housing

Power 20W, DC 12V/2A external power adapter

Environment Relative: 10% to 90% non-condensing Storage: -5% to 95% non-condensing

Mounting Options VESA mount (Included) Optical drive/DVD writer (optional) 7 Port USB Module

Regulatory Compliance CE/FCC

Memory Capacity/Type

4GB DDR4 SO-DIMM single-channel SDRAM, non-ECC

Display/Resolution Dual 2160x1600 @ 60Hz UHD video playback

Network LAN: Fiber SFP Module 100BASE-FX /1000BASE-SX, LC connector x1 Wi-Fi 2.4G and 5G, Bluetooth 3.0 and 4.1 x1 (optional) Bluetooth HS + 4.1 BLE (optional)

Security

Kensington security slot for use with Kensington locks Integrated PKI approved smart card reader on CD7014 Model

Dimensions 6.5 (H) × 1.5 (W) × 5 (D) in

Gross Weight 0.5 lbs (295 gr)

Temperature Operating: 32 to 104 °F (0 to 40 °C) Storage: -4 to 140 °F (-20 to 70 °C)

ClearCube Cloud Desktop OS (Optional) IGEL OS (Optional) Microsoft Windows 10 IoT Enterprise (Optional) Linux - No OS

*Note: Max resolution may vary, depending on operating system

Description	Part Number
CD7012 Fiber ZERO+ Client	G0900413
CD7014 Fiber ZERO+ Client w CAC reader	G0900414

Ordering Information

Call: (866) 652-3500 to order or for more information

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Operating System