



CLEARCUBE

## Zero Client CD7542

### Budget Friendly Quad Fiber Zero Client for Centralized and Virtualized Computing

ClearCube® delivers high performance and robust security in a new PCoIP TERA2 computing solution unhindered by distance. With quad-monitors and full-performance video, Cloud Desktop 9542 (CD7542) connects to VMware® virtual desktops on SmartVDI systems, 3<sup>rd</sup> party virtual machines, and remote ClearCube Blade PCs.

In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD7542 can broker a connection to both SmartVDI and Blade PC resources using VMware Horizon. Dedicated 1:1 users can take advantage of hardware accelerated PCoIP chips in ClearCube's Blade PCs to support legacy, mission-critical, and/or GPU-intensive applications.

AES-128/AES-256 Suite B Ciphers, USB 2.0 devices, and full power management with Wake-on-LAN support are supported by CD7542's TERA2140 chip.



### Full PC Experience over IP

CD7542 Zero Clients work with existing Ethernet networks and have four standard DVI ports connectors.



### Benefits



- Centralizes PC resources in a single, secure location
- Delivers full desktop quality computing experience via an IP connection to Blade PCs or VMware Horizon based hosts



- Increases security of physical and data assets
- Stronger AES256-bit encryption



- Optional Power over Ethernet (PoE)



- Provides all the benefits of a standard PC with no noise, less heat, and smaller space requirements
- 4 DVI ports



- ClearCube Zero Clients are fully TAA-compliant.
- Industry's only advanced ship replacement warranty (CONUS)

### High Performance, Optimal Quality

CD7542 Zero Clients deliver simultaneous full screen, full motion video at high resolution on two or four monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation. Supported resolutions are 2x 2560x1600 or 4x 1920x1200.



# Zero Client

## Model CD7542

### Simple Installation, Secure Hardware

CD7542 Zero Client requires no special OS drivers. There are no moving parts that can fail and no removable parts that encourage user tampering/theft. The units easily connect all standard peripherals including multiple monitors, keyboard, mouse, audio input/output devices and USB peripherals. Advanced configuration options allow specific policy-based management of USB devices including enabling/disabling entire classes of mass storage devices.



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### CD7542 Zero Client Specifications

Chipset	Teradici TERA2140 PCoIP®
Operating System	None
Display	Dual: 2560 × 1600 Quad: 1920 × 1200
I/O Physical	Single-link DVI-D × 4 USB 2.0 × 4 HD Audio Out and Audio In 3.5mm Speaker port × 1 3.5mm Microphone port × 1 3.5mm Headphone port × 1
Network	LAN: SFP, 10/100/1000 BASE-T, 100 BASE-FX, 1000 BASE-SX, 1000 BASE-LX Power connection for auto-sensing power adapter
Max Consumption	12 Watts
Power Supply	Universal 100-240 VAC, 50-60Hz Output: 12V DC Optional Power over Ethernet (PoE)
Security	Kensington® Slot for use with Kensington locks
Environment	Stationary office installation, 0° to 35° C
Physical Characteristics	Plastic
Dimension	1.7 (W) × 7.2 (H) × 5.2 (D) in

### Ordering Information

Use the following part numbers to order.

#### Model CD7542 Zero Client Ordering Information

Model No.	Part Number	Part Description
CD7542	G0900262	CD7542 Zero Client, Quad Display, Fiber.

Call: (866) 652-3500

Email: [sales@clearcube.com](mailto:sales@clearcube.com)

to order or for more information.