CLEARCUBE

A quad DisplayPort fiber zero client with an integrated CAC reader.
Featuring four DisplayPort connections for full performance video.

CD1042/44 Zero Client

IDEAL FOR:

- **Defense & Government Agencies**
- **Engineering**
- **Healthcare**
- **Digital Signage**
- **Command & Control Centers**
- **Financial Centers**
- **Training & Education**

Part Number	Part Description
G0900381	**CD1042 Zero Client**
G0900383	**CD1044 Zero Client w/CAC**

KEY FEATURES

Chipset
Teradici TERA2140 PCoIP®

Operating System
None

Display
Single: 4K UHD 30FPS
Dual: 4K UHD 15FPS
Quad: 1920x1200

Memory
DDR3 DRAM devices (512 MB DDR3)

I/O Physical
DisplayPort × 4
CD1042: USB 2.0 × 4 compatible ports
CD1044: USB 2.0 × 3 compatible ports
HD Audio Out and Audio In
3.5mm Microphone jack × 1
3.5mm Headphone jack × 1

Network
Copper SFP Module 1000BASE-T
Fiber SFP Module 1000BASE-SX
Fiber SFP Module 100BASE-FX

TECHNICAL SPECS

Weight
Gross: 1 lbs (500 gr)

Temperature
Office: 0° to 35° C

Dimensions
6.5 inches (L) x 1.5 inches (H) x 5 inches (W)

Max Consumption
8 Watts w/o USB; 15Watts w/ 4 high power USB devices attached

Power
Universal 100-240 VAC, 50-60Hz
Output: 12V DC, 3A

Physical Characteristics
Metal

Security
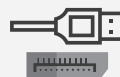Kensington® Security Slot for use with Kensington locks

BENEFITS

Delivers full desktop quality computing experience via an IP connection to Blade PCs or VMware Horizon based hosts

Up to 4 USB 2.0 ports (depending on model)

4 DisplayPort connectors

Centralizes PC resources in a single, secure location; increases security of physical and data assets

Provides all the benefits of a standard PC with no noise, less heat, in a small space

Rear View CD1042/44 Zero Client

▶▶▶ FULL PERFORMANCE

Adding to the security profile is fiber optic connectivity through CD1042/44's fiber SFPs that support 100 base and 1000 base connections to host resources. Further security is provided by AES-256 Suite B Cipher encryption found in the PCoIP protocol.

▶▶▶ FULL POWER USB (1 AMP) SUPPORT

CD1042/44 Zero Clients comes with up to 4 Type-A USB 2.0 ports. Full power USB (1 Amp) is supported by using a single USB connection in the paired stack, leaving the other connector in the pair empty. This feature can be used to support higher power USB peripherals or for faster cell phone charging, for example.

FUTURE-PROOF YOUR ZERO CLIENT DISPLAY OPTIONS

ClearCube® CD1042/44 zero clients, featuring four DisplayPort® connections, capitalize on the present and future evolution of desktop displays in virtual desktop infrastructure (VDI) environments. As the industry migrates away from DVI port connections on display monitors, CD1042/44 provides a connector compatibility path that allows connectivity to new DisplayPort supported displays for the foreseeable future.

With support for quad monitors and full-performance video, Cloud Desktop 1042/44 (CD1022/24) connects to VMware® virtual desktops on SmartVDITM systems, 3rd-party virtual machines, and remote ClearCube Blade PCs.

HIGH PERFORMANCE, OPTIMAL QUALITY

Designed to tolerate rough use, CD1042/44's metal chassis is durable and oriented for CAC/SIPR card insertion. Enabling secure authentication, CD1024 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards. CD1044's smart card reader is on the Teradici® PCoIP approved list, and is supported by VMware as well.

Both CD1042 and CD1044 Zero Clients deliver simultaneous full screen, full motion video at high resolution up to four monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation. CD1042/44 zero clients resolution options include 1 monitor at 4K UHD 30FPS, 2 monitors at 4K UHD 15FPS (using two DisplayPort cables), and 4 monitors at 1920 × 1200 (using four cables).

Ordering Information CALL: (866) 652-3500

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

TAA Compliant — Assembled & tested in the USA

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