CLEARCUBE

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

Zero Client CD1044

IDEAL FOR:

- State & Local Government
- IT Professionals
- Military & Defense
- Command & Control Centers
- Healthcare, Financial, & Insurance
- Call Centers
- Oil & Gas

Part Number   **Part Description**
G0900381   -   CD1042
G0900383   -   CD1044

KEY FEATURES

Chipset
Teradici TERA2140 PCoIP

Video
Single: 3840x2160 @30Hz
Dual: 2560x1600
Quad: 1920x1200

External Ports
4 x DP
Mic+Speaker 3.5mm
4 x USB 2.0
1 x SFP-Fiber/Copper 1Gbps
SmartCard Reader

Memory
512MB

Storage
256Mbit

TECHNICAL SPECS

Weight
1.5 lbs.

Dimensions
1.5" (H) x 6.5" (W) x 5" (D)

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

Power
DC 19V/3A external power adapter
Max Power Consumption: 12.8W

Physical Characteristics
Metal housing

Security
Kensington Slot for use with Kensington locks
Integrated PKI approved smart card reader on CD1044

Regulatory Compliance
TAA Compliant

BENEFITS

Delivers full desktop computing experience via an IP connection to Blade PCs or VMware Horizon desktop with no noise, less heat, and in a small space

No open storage, only firmware configuration

Supports VMware Horizon with PCoIP, HP Anyware, and PCoIP remote workstation cards.

Smart card reader with SIPR token support

7 USB ports add-on and DVD drive add-on available

Rear View

FULL PERFORMANCE

With support for quad monitors and full-performance video, Cloud Desktop 1042/44 (CD1042/44) connects to VMware virtual desktops on Smart VDI systems, 3rd-party virtual machines, and remote ClearCube Blade PCs.

FULL FEATURE IO

CD1042/44 offers full USB power over the USB 2.0 ports. Giving a full 1 amp for power hungry peripheals. Network connections are flexible offering support for a wide range of network needs including 100Mbps to 1Gbps; Copper or Fiber; Short Range or Long Range.

FLEXIBLE DISPLAY CONFIGURATION

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 continues to migrate 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. The ports allow for connections via passive cables to the three standard monitor connections – DP, HDMI and DVI this means an user station doesn't need to change for the introduction of the client.

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, CD1044 integrates a PKI-approved CAC/SIPR net 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 x 1200 (using four cables).

Ordering Information: CALL 512.652.3500

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

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