

Zero Client

Model CD2022/24



Dual DisplayPort Fiber Zero Client w/6 USB Ports plus Integrated CAC reader

Highly Secure, Full PC Experience over IP

ClearCube CD2022/24 Zero Clients delivers high performance and robust security in a PCoIP Teradici TERA2 computing solution unhindered by distance. In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD2022/24 can broker a connection to both virtual desktops and Blade PC resources using VMware Horizon. Dedicated 1:1 users can take advantage of hardware accelerated PCoIP chips in ClearCube Blade PCs to support legacy, mission-critical, and/or GPU-intensive applications

For sites where data security is paramount, CD2022/24 sets itself apart from all competitors. Compared with DVI ports, DisplayPorts have lower voltage swings that emit less electromagnetic radiation; therefore, they are considered less susceptible to malicious intent "snooping activity" at secure facility locations and SCIFs.

Enabling secure authentication, CD2024 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards. CD2024's smartcard reader is on Teradici PCoIP approved list, and is supported by VMware as well. Further security is provided by AES-256 Suite B Cipher encryption found in the PCoIP protocol.

Benefits



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 by centralizing PC resources in a single, secure location
- Stronger AES256-bit encryption
- CD2024 has integrated smart card reader



- Provides all the benefits of a standard PC with no noise, less heat, and less space
- 4k monitor support for high-performance multimedia.



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



VESA and under the desk mount

Future-Proof Your Zero Client Display Options

Featuring two DisplayPort connections, ClearCube CD2022/24 zero clients 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, CD2022/24 provides a connector compatibility path that allows connectivity to new DisplayPort supported displays for the foreseeable future. The DP++ connector provides backward compatibility with DVI with the use of a passive display port to DVI cable.

CD2022/24 Zero Clients deliver simultaneous full screen, full motion video at high-resolution on up to two monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation. Supported resolutions are 4K UHD at 30FPS using a single display or 1920x1200 at 60FPS on dual displays.



Zero Client

Model CD2022/24



CD2022/24 Rear View

Specifications

Chipset

Teradici TERA2321 PCoIP®

I/O Physical

DisplayPort x 1
 DisplayPort++ x 1
 USB 2.0 x 6
 3.5mm Headphone jack
 3.5mm Microphone jack
 Power button

Physical Characteristics

Metal

Power Supply

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

Temperature

Operational: 0 to 35°C

Dimensions

1.5 (H) × 6.5 (W) × 5 (D) in

Regulatory Compliance

TAA Compliant

Display/Resolution

Single: 4K (3840x2160) @ 30 fps, or 2560x1600 @ 60 fps
Dual: 1920x1200 @ 60 fps

Network

LAN: RJ-45, 10/100/1000 BASE-T

Security

Integrated PKI approved smart card reader on CD2024 model
 Kensington security slot for use with Kensington locks

Operating System

None

Max Consumption

8 Watts w/o USB; 26 Watts w/ 6 high power USB devices attached

Humidity

Relative (non-condensing): 10% to 90%

Gross Weight

0.5 lbs (295 gr)

Accessories

VESA Mounting Bracket (optional)
 Zero Client 7 Port USB Module
 DVD Player / Carriage Tray

Description

CD2022 Zero Client, Dual Display, Copper, 6 USB
 CD2024 Zero Client, Dual Display, Copper, 6 USB, CAC reader

Part Number

G0900358
 G0900360

Industries



Defense



Government Agencies



Command & Control Centers



Training & Education



AEC



Media & Entertainment



Financial



Healthcare



Manufacturing

Ordering Information

Call: (866) 652-3500

Email: sales@clearcube.com

to order or for more information