CLEARCUBE

The only zero client on the market that contains an integrated CAC reader, two DisplayPorts and six USB 2.0 devices.
Simultaneous full screen, full motion video at high resolution on 2 monitors

Zero Client 1024

IDEAL FOR:

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

Part Number		Part Description
G0900359	-	CD1022
G0900361	-	CD1024

KEY FEATURES

Chipset
Teradici TERA2321 PCoIP

Video
Single: 4K @30Hz | 2560x1600 @60Hz
Dual: 1920 x 1200 @60Hz

External Ports
2 x DP
Mic+Speaker 3.5mm
6 x USB 2.0
1 x 1Gbps SFP Port (Fiber or Copper modules available)
Option for on-board RJ45 for large quantities
Smart Card Reader (CD1024)

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 12V/3A external power adapter
Max Power Consumption: 12.8W

Physical Characteristics
Metal housing

Security
Kensington Slot for use with Kensington locks
Integrated SIPR token capable smart card reader on CD1024

Regulatory Compliance
TAA Compliant
FIPS 140-2 Certified Firmware

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 dual monitors and full-performance video, Cloud Desktop 1022/24 (CD1022/24) connects to VMware virtual desktops on Smart VDI systems, 3rd-party virtual machines, and remote ClearCube Blade PCs.

SECURE

For sites where data security is paramount, the CD1024 sets itself apart. With no open data storage, low EMI DP ports, fiber connectivity, Kensignton lock, centralized management, firmware controlled USB policies, and metal enclosures the CD1024 is designed for environments that demand a focus n security.

FULL FEATURE IO

CD1022/24 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 CD1022/24 zero clients, featuring two 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, CD1022/24 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, CD1022/24's metal chassis is durable and oriented for CAC/SIPR card insertion. Enabling secure authentication, CD1024 integrates a PKI-approved CAC/SIPR net token reader that supports 5v, 3v, and 1.9v smart cards. CD1024's smart card reader is on the Teradici PCoIP approved list, and is supported by VMware as well.

CD1022 and CD1024 Zero Clients deliver simultaneous full screen, full motion video at high resolution on one or two monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation. Supported resolutions are 1 display at 4K UHD @30Fps (using one DisplayPort cable) or 1 display at 2560x1600 @ 60 FPS (using one DisplayPort cable) or 2 displays at 1920x1200 @ 60 FPS (using two display port cables)

SIMPLE AND SECURE

Adding to the security profile mentioned above with the Fiber connections and other features, the CD1022/24 provides further protection via the AES-256 Suite B Cipher encryption found in the PCoIP protocol. To complete the security posture, the CD1022/24 firmware is FIPS 140-2 certified.

Ordering Information: CALL 512.652.3500

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

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