

# Dual Copper Zero Client w/ 6 USB Ports plus Integrated CAC reader

Model CD9924 - Outstanding User Experience Ultra Secure Zero Clients for Centralized and Virtualized Computing



ClearCube® delivers high performance and robust security in a new PCoIP TERA2 computing solution unhindered by distance. Support for dual monitors and full-performance video, Cloud Desktop 9924 (CD9924) connects to VMware® virtual desktops on SmartVDI systems, 3<sup>rd</sup> party virtual machines, and remote ClearCube Blade PCs. CD9924 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards.

## Rugged, Durable Enclosure

Designed to tolerate rough use, CD9924's metal chassis is durable and oriented for CAC/SIPR card insertion. ClearCube Desktop Zero Clients are fully TAA-compliant.

In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD9924 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, 6 USB 2.0 devices, and full power management with Wake-on-LAN support are supported by CD9924's TERA2321 chip. A reset/power button located on the CD9924 Zero Clients can be selectively configured to allow or disallow users to power down or reset the connected Blade PC without administrator assistance. A separate LED link light indicates when the unit has an active connection to a PC blade or VMware View host.

## Full PC Experience over IP

CD9924 Zero Clients work with existing Ethernet networks and have two DVI connectors (1 DVI-D and 1 DVI-I). This great desktop package comes with 4 front Type-A USB 2.0 ports and 2 rear Type-A USB 2.0 ports.



## CD9924 Zero Client Benefits

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

6 USB 2.0 ports (4 front / 2 rear)

1 DVI-D and 1 DVI-I display connectors

Centralizes PC resources in a single, secure location

Increases security of physical and data assets

Stronger AES256-bit encryption

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

TAA compliant

CD9924 has integrated smartcard reader



# Model CD9924 Zero Client

## High Performance, Optimal Quality

CD9924 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 1x 2560x1600 with an external dual-link DVI cable or 2x 1920x1200.

## Simple Installation, Secure Hardware

CD9924 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. A separate LED link light indicates when the unit has an active connection to a PC blade.

## Full Power USB (1 amp) Support

Full power USB (1amp) 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.

## Specifications

### Copper CD9924 Zero Client Specifications

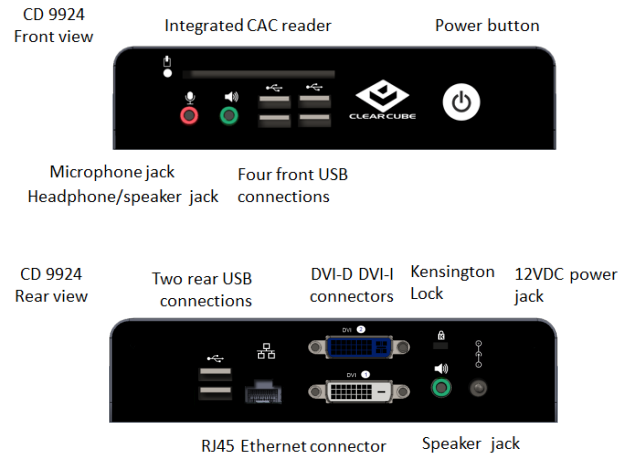
|                         |  |
|-------------------------|--|
| <b>Chipset</b>          | Teradici TERA2321 PCoIP™   |
| <b>Operating System</b> | None   |
| <b>Display</b>          | Single: 2560x1600@60Hz, Color Depth: 8, 15, 16 or 24bpp<br>Dual: 1920x1200@60Hz, Color Depth: 8, 15, 16 or 24bpp |
| <b>Memory</b>           | 2 Gb (2 x 2048 Mbit) 16-bit DDR3 DRAM devices (512 MB DDR3)  |
| <b>Connections</b>      | 6 - USB 2.0 Compatible ports<br>1 single-link DVI-I; 1 single-link DVI-D   |
| <b>Audio</b>            | HD Audio Out and Audio In<br>3.5mm Headphone jack; 3.5mm Microphone jack<br>3.5mm Speaker jack                   |
| <b>Network</b>          | 10/100/1000 Base-T Gigabit Ethernet—RJ-45<br>Power connection for auto-sensing power adapter                     |
| <b>Power Supply</b>     | Universal 100-240 VAC, 50-60Hz<br>Output: 12 V DC  |
| <b>Max Consumption</b>  | 8 Watts w/o USB; 26 Watts w/ 6 high power USB devices attached   |
| <b>Dimensions</b>       | 6.5 inches (h) x 1.5 inches (w) x 5 inches (d)   |
| <b>Environment</b>      | Stationary office installation, 0° to 35° C  |
| <b>Security</b>         | Integrated PKI-approved smart card reader<br>Kensington® Security Slot for use with Kensington locks             |

## Ordering Information

Use the following part numbers to order CD9924.

### Model CD9924 Zero Client Ordering Information

| Zero Client                | Part Number | Part Description  |
|----------------------------|-------------|---|
| Zero Client CD9924         | G0900346    | Model CD9924 Zero Client, Dual Display Copper, 6 USB, CAC |
| Mounting Bracket           | G0900305    | Zero Client mounting bracket, small                       |
| DVD Player & Carriage Tray | call        | DVD player w/Carriage                                     |



CD9924 w/ attached DVD player and mounting carriage