

# Thin Client

## Model CD8842/44



A Powerful, Quad-Core Thin Client Supporting Quad Displays and 4K Resolution for High-End Graphics

### High-Performance in a Small-Footprint Package

CD8842/44 thin clients are equipped with proprietary AMD® Ryzen™ Embedded V1605B, quad-core processor with AMD "Vega" graphics core architecture (8CU) and up to 8GB DDR4 SO-DIMM dual-channel SDRAM memory to deliver high-end graphics and excellent computing performance for cloud computing and VDI applications. For users who have long term support requirements, the CD8842/44 Thin Clients' processor is from AMD's embedded roadmap. A feature-rich design provides six USB ports, four DisplayPorts, one SFP NIC that can be populated with Fiber or Copper SFP module, optional dual-band Wi-Fi and Bluetooth connectivity, and integrated smart card reader on model CD8844, all in a small-form factor device.

### Unmatched Flexibility

The CD8842/44 thin client is compatible with all major remote networking protocols including Teradici PCoIP, VMware View® with Blast Extreme, Citrix® HDX®, and Microsoft® RDP/RemoteFX to provide IT administrators the flexibility to choose the solutions that best fit their organization's needs, future-proof their deployment, and protect their investment in the long run. The CD8842/44 Thin Client is available with ClearCube Cloud Desktop OS, IGEL® OS, Windows® 10 IoT, and Linux® operating systems.

### Benefits



AMD® Ryzen™ Embedded V1605B, quad-core processor



Quad 4k monitor support for high-performance multimedia.



-Integrated smart card reader on CD8844 model  
-Fiber connector option  
-TPM 2.0 support



Compact, Small Form Factor



Optional VESA mount

### Quad 4K Support

Supporting up to 4 monitors and delivering eye-popping, sharp, crisp images with 4K resolution, the CD8842 Thin Client is the perfect solution for demanding workflows and power users who need productivity-maximizing features and high-performance multimedia capabilities.

To deliver a faster, more interactive experience at the highest efficiency, PCoIP Ultra™ includes Teradici's latest protocol enhancements, offering uncompromised 4K/UHD high frame rate content, sustained performance across multiple monitors, efficient scaling across multicore CPUs, and support for third-party codecs. PCoIP Ultra is available through a subscription to Teradici Cloud Access and Cloud Access Plus.



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**CD8842/44 Rear View**

## Specifications

### Processor

AMD V1605B SoC: 2.0-3.6 GHz quad-core with Vega-based graphics core (8CU)

### Storage

Up to 64 GB SSD

### I/O Physical

Dual-mode DisplayPort 1.2 connectors x 4  
 USB 3.2 Gen 2 x 1  
 USB 3.2 Gen 1 x 3  
 USB 2.0 x 2  
 3.5mm Headphone jack  
 3.5mm Microphone jack  
 Integrated speaker  
 Power button  
 19VDC Power jack

### Operating System

ClearCube Cloud Desktop OS  
 Microsoft Windows 10 IoT Enterprise  
 IGEL® OS

### Temperature

Operating: 0°C to 40°C  
 Storage: -20°C to 70°C

### Power Supply

Input: 100-240V AC-50/60Hz  
 Output: DC19V

### Dimensions

7.16" (D) x 1.66" (H) x 6.96" (W);

### Mounting Options

VEESA mount (optional)

\*Note: Max resolution may vary, depending on operating system.

### Memory Capacity/Type

Up to 8GB of DDR4 SO-DIMM dual-channel SDRAM memory

### Display/Resolution

Quad 4K\* displays @ 60Hz UHD video playback through the DisplayPort ports

### Network

Ethernet: 10/100/1000Base-T Copper SFP or  
 100/1000Base-X Fiber SFP  
 2.4G and 5G dual-band 802.11 a/b/g/n/ac Wi-Fi (optional)  
 Bluetooth 5.0 integrated wireless (optional)

### Security

Integrated smart card reader on model CD8844  
 Kensington security slot for use with Kensington locks  
 TPM Support (optional)

### Regulatory Compliance

CE, FCC, RoHS, IC & CAN ICES-3(B)/NMB-3(B), TELEC, VCCI, UL, A-Tick/RCM, GOST/EAC/CU, BSMI & NCC

### Humidity

Relative: 10% to 90% non-condensing  
 Storage: 5% to 95% non-condensing

### Gross Weight

2.5 lbs (1.13kg)

### Physical Characteristics

Metal housing

## Industries



Command & Control Centers



Government Agencies



AEC



Media & Entertainment



Healthcare



Financial



Digital Signage



Training & Education

## Ordering Information

Call: (866) 652-3500

Email: [sales@clearcube.com](mailto:sales@clearcube.com)

to order or for more information

### Description

CD8842 Thin Client, SFP, No CAC, 64gb, 8gb

CD8844 Thin Client, SFP, CAC, 64gb, 8gb

### Part Number

G0908842

G0908844