

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 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

Description

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

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

Part Number

G0908842

G0908844

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

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