



A Dynamic Thin Client with Four Display Screens and
Expansion Options for High-End VDI Performance



Thin Client
CD8842-44

KEY FEATURES

CPU

AMD Ryzen Embedded V1605B (4C/8T, 2.0GHz up to 3.6GHz, 54W, AVX 2, Radeon Vega 11)

Operating System

StratodeskNoTouchOS/
ClearCubeCloudDesktopOS
Windows10IoT
Linux

Video

Max Resolution: 4 x 4K @ 60Hz
Recommended Resolution: 4 x 4K @ 60Hz

External Ports

4 x DP
3 x USB 3.2 Gen1
1 x USB 3.2 Gen2
2 x USB 2.0
SFP - 1GBps
2.4G/5G dual-band Wifi, Bluetooth 4.0
Smart Card Reader (CD8844)

TECHNICAL SPECS

Weight

2.5 lbs. (1.13 kg)

Dimensions

1.66" (H) x 7.16" (L) x 6.96" (W) inches

Environment

-20°C to 70°C (-4°F to 140°F)

Power

Input: 100-240V AC-50/60Hz
Output: DC12V/3Av

Physical Characteristics

Metal housing

Memory

Type: DDR3
Recommended: 8GB (2 Sticks)

Storage

2242NVMe/SATA

IDEAL FOR:

- Command & Control Center
- Government Agencies
- Architecture, Engineering, & Construction
- Media & Entertainment
- Healthcare
- Financial
- Digital Signage
- Training & Education

Part Number Part Description

- CD8842 - G0908842
- CD8844 - G0908844

BENEFITS



Integrated smart card reader on CD8844 model



Quad 4K monitor support for high performance multimedia



Optional VESA mount



Compact form factor reduces desktop footprint



AMD Ryzen Embedded V1605B quad-core processor



TPM 2.0 support


REAR VIEW

▶▶▶ 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 clients 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.

▶▶▶ 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 multi-core CPUs, and support for third-party codecs. PCoIP Ultra is available through a subscription to Teradici Cloud Access and Cloud Access Plus.

Ordering Information: CALL 512.652.3500

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



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