



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 dektop footprint



AMD Ryzer 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](mailto:sales@clearcube.com) to order or for more information



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