CLEARCUBE

A Fanless Trusted Zero Client with Four Display Screens and
Expansion Options for High-End VDI Performance

**Thin Client
CD8842-44T**

IDEAL FOR:

• **Command & Control Center**
• **Government Agencies**
• **Media & Entertainment**
• **Healthcare**
• **Financial**

KEY FEATURES

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

Operating System
HP Anyware

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

Part Number   Part Description

Part Number	Part Description
CD8842T -	G0908842T
CD8844T -	G0908844T

U.S. White House has directed all agencies to have a
plan to adopt a Zero Trust posture by the end of FY241.

REAR VIEW

SECURITY FEATURES

Not only do Trusted Zero Clients provide the very best in remoting security, but they also provide outstanding performance. Using PCoIP Ultra version of the software license, Trusted Zero Clients deliver color-accurate, lossless, and distortion-free remote user experience. The software technology automatically adapts to changing network conditions to enable the best possible user experience. It does this by balancing image fidelity, CPU utilization, and network efficiency with multicore CPU scaling to free up valuable CPU resources for heavy workloads and allow for increased server consolidation. However, it is important to note that SIPR token support, is not yet available in this version.

THE TRUSTED ZERO CLIENT IS OUR NEW "ZERO TRUST" ZERO CLIENT.

Like a traditional zero client, Trusted Zero Clients utilize the PCoIP protocol by HP Teradici. This protocol keeps the data in the data center by transmitting encrypted pixels between the host computer and the endpoint. This has been a critical security feature of zero clients, and it is also present with the new Trusted Zero Clients.

"Trusted" is in the title because these new zero clients adhere to the "zero trust" security principles, as recommended by NIST and similar organizations. To accomplish this, Trusted Zero Clients incorporate these security safeguards:

• First, Trusted Zero Clients come with a factory-provisioned birth certificate that is verified by HP Anyware Trust Center software before the Trusted Zero Client is granted access to the network. Once approved, Anyware Trust Center provides a new operational certificate that is also linked to an active software license. This feature prevents counterfeit devices from being connected.

• Second, firmware is locked down with direct secure boot into the Trusted Zero Clients to prevent tampering with firmware, BIOS, or OS.

• Third, a trusted connection is established with the Trusted Zero Client, and the Anyware Trust Center software continuously monitors the Trusted Zero Client for any potential security issues, such as connected peripherals, old firmware versions, or security breaches. FIPS 140-3 Level 1 and Federated Authentication are supported.

Ordering Information: CALL 512.652.3500

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

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USA