



CLEARCUBE

# ClearCube® CD8822/24 Thin Client

## Highly-configurable Thin Client

Ultra High graphics, TPM 1.2 support, and 6 USB ports.

### Featuring AMD Quad-Core Processor

CD8822/24 Cloud Desktop thin clients are powered by AMD® Embedded G-Series quad-core processors with AMD Radeon™ R3E graphics for powerful 4K, UHD multimedia capability and PC-like user experience.

CD8822/24 thin clients feature one DisplayPort® connector and one DVI-I connector for two high resolution monitors (2560 × 1600), or support for one UHD resolution display (3840 × 2160) using DisplayPort only. CD8822/24 thin client are designed to support high-end customer computing and graphics demands and meet the increasing requirement for VDI integration in the banking, healthcare, government and manufacturing sectors.

CD8822/24 thin clients provide support for Intel® Trusted Platform Module (TPM 1.2) to enhance enterprise security, especially in the government sector.



## Benefits



-Improve data and hardware security by removing local disks to minimize opportunities for theft and misuse

-Increased security through an optional internal smart card reader (CD8824)



-Cloud Desktop OS supports CITRIX® XenDesktop, VMware® View with Blast Extreme, Microsoft® RDP, and more



-Browser-based Cloud Desktop Management with real-time monitoring, asset management, and job scheduling



-AMD GX-412HC 1.2GHz quad-core processor for high performance



-ENERGY STAR® certification and low power consumption reduces heat and operating expenses



-Compact form factor reduces desktop footprint

## PC Features with Greater Flexibility

Designed for customization, CD8822/24 thin clients are equipped with powerful AMD GX-412HC quad-core processors and up to 8 GB DDR3L RAM to deliver excellent computing and graphics performance for the latest VDI solutions. With a flexible design, CD8822/24 thin clients provide one COM port, two USB 3.0 ports, six USB 2.0 ports, one GbE LAN, audio input and output ports, one DisplayPort connector and one DVI-I connector. Expansion is easy with serial and parallel ports, and an internal smart card reader(CD8824 only). A PCIe® riser card enables fiber network connectivity, additional copper network ports, or a low-wattage GPU. Additional features include a mini-PCIe connector and an optional WLAN (Wi-Fi) module. CD8822/24 thin clients support ClearCube Cloud Desktop OS, 64-bit Windows® and Linux® operating systems, provide long product lifecycles and optimized applications for all the major remote networking protocols (VMware Horizon® View with PCoIP® and Blast Extreme, Citrix® XenDesktop®, XenApp®, and Microsoft® RemoteFX).



# Thin Client

## Model CD8822/24

### Cloud Desktop OS and Cloud Desktop Management

ClearCube Cloud Desktop OS is a minimal-footprint operating system option for ClearCube thin clients. Deployment options include installing Cloud Desktop OS locally, or network booting for zero-client-like security. Cloud Desktop OS comes with support for CITRIX HDX, VMware View, Microsoft RDP, and a wide range of terminal services and virtual desktops. This efficient operating system enables Administrators to centrally-manage secure and virus-proof thin clients that can connect to hosted desktops, cloud-hosted desktops, or centrally-hosted applications out of the box.



CD8822/24 Rear View

ClearCube Cloud Desktop Management is a browser-based administrative tool that helps IT manage, configure, and update thin clients from one place. Features such as Real-Time Monitoring & Tactical Overview, Job Scheduling and Asset Management, and Peripheral Inventory take the burden out of managing devices on your network. Administrators can run Cloud Desktop Management from a Linux<sup>®</sup>-based appliance or install it on 32- and 64-bit Windows operating systems.

### C8822/24 Thin Client Specifications

<b>Processor</b>	AMD GX-412HC Quad-Core 1.2GHz
<b>Memory</b>	SO-DIMM socket for RAM × 1 (up to 8 GB) (GX-415GA / DDR3L 1600MHz; GX-412HC / DDR3L 1333MHz)
<b>Display</b>	One up to 4K , Two monitors (up to 2560 x1600 ) GX-412HC integrated graphics with Radeon R3E
<b>Storage</b>	22-pin SATAIII connector x1 or mSATA connector × 1 (16GB/32GB)
<b>I/O Physical</b>	Display Port × 1 DVI-I × 1 USB 3.0 × 2 USB 2.0 × 6 1W internal speaker × 1 Microphone in × 1 Line-out × 1 COM x1 COM & LPT (optional, alternative to riser card) PCIe × 1 (optional, electrical × 4, physical × 16)
<b>Networking</b>	LAN (RJ-45, 10/100/1000 BASE-T) × 1 ( ) WLAN × 1 (optional, mini-PCIe interface ) Wi-Fi (optional)
<b>Temperature</b>	Operation: 32 to 95°F (0 to 35°C) Storage: -4 to 140 °F (-20 to 60 °C)
<b>Relative Humidity</b>	20% to 80% non-condensing
<b>Power Supply</b>	48W, DC 12V/4A external power adapter
<b>Mounting</b>	Vertical foot stand VESA bracket (optional)
<b>Security</b>	Kensington Slot for use with Kensington locks Integrated smart card reader (Optional on the CD8824)
<b>OS Support</b>	ClearCube Cloud Desktop OS, Windows 10 IoT, Linux
<b>Physical Characteristics</b>	Plastic and Metal
<b>Dimension</b>	57 (W) × 210 (H) × 230 (D) mm (thin client)
<b>Regulatory Compliance</b>	CE/FCC/



### Ordering Information

Call: (866) 652-3500 Email: [sales@clearcube.com](mailto:sales@clearcube.com) to order or for more information.