



CLEARCUBE

ClearCube® CD8831 Thin Client

High-Performance Graphics, Low Power Consumption,
And Many VDI Protocols

Featuring Intel® Celeron® Quad-Core Processor

CD8831 Cloud Desktop thin clients are powered by Intel® Celeron® J1900 quad-core processors with Intel® HD graphics to provide exceptional multimedia capabilities, a PC-like user experience, and power consumption low enough to meet the ENERGY STAR® 6.1 and 2013 ErP standards.

CD8831 thin clients include two DVI® ports to provide two HD displays (up to 1920 x 1200 resolution), two USB 3.0 ports, and five USB 2.0 ports. Designed for users with multimedia needs in virtualized environments, CD8831 thin clients provide Intel® HD Graphics, support DirectX 11, and are optimized for all major remote connectivity protocols.



Benefits



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



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



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



Intel® Celeron® J1900 2.0-GHz, quad-core processor and DirectX 11 support for a PC-like experience



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



Compact form factor reduces desktop footprint

PC Features for VDI and High-Performance Graphics

CD8831 thin clients are equipped with Intel® Celeron® J1900 SoC quad-core processors (2.0 GHz) and up to 8 GB DDR3L RAM to deliver excellent computing and graphics performance for the latest VDI solutions. A feature-rich design provides two USB 3.0 ports, five USB 2.0 ports, one GbE LAN, audio input and output ports, and two DVI connectors. Expansion is easy with options including an internal WLAN module (Wi-Fi) and a secure, side-mount DVD/optical drive.

CD8831 thin clients support ClearCube Cloud Desktop OS, Windows® 10 IoT, and Linux® operating systems. ClearCube Cloud Desktop OS includes optimized applications for all the major remote networking protocols: VMware View® with Blast Extreme, Citrix® HDX®, Microsoft® RDP/RemoteFX, and more. An integrated Kensington® Security Slot provides added security and safety for CD8831 thin clients.



Thin Client Model CD8831

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.



CD8831 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®-based appliance or install it on 32- and 64-bit Windows operating systems.

C8831 Thin Client Specifications

Processor	Intel Celeron J1900 Quad-Core 2 GHz
Memory	SO-DIMM socket × 1, DDR3L 1333 MHz RAM (up to 8 GB)
Display	Two monitors (up to 1920 × 1200*)
Storage	22-pin SATA connector for DOM × 1 (optional) (16GB/32GB)
I/O Physical	DVI-D × 1 DVI-I × 1 USB 3.0 × 2 USB 2.0 × 5 1W internal speaker × 1 Microphone in × 1 Line-out × 1 PCIe Slot × 1 (optional)
Networking	LAN (RJ-45, 10/100/1000 BASE-T) × 1 WLAN × 1 (optional) Wi-Fi (optional)
Temperature	Operation: 32 to 104 °F (0 to 40 °C) Storage: -4 to 140 °F (-20 to 60 °C)
Relative Humidity	20% to 80% non-condensing
Power Supply	36W, DC 12V/3A external power adapter
Mounting	Vertical stand, VESA mounting kit (optional) Optical drive/DVD mounting Kit (optional)
Security	Kensington Slot for use with Kensington locks
OS Support	ClearCube Cloud Desktop OS, Windows 10 IoT, Linux
Physical Characteristics	Plastic and Metal
Dimension	35 (W) × 155 (H) × 120 (D) mm
Regulatory Compliance	CE/FCC



Note: Max resolution may vary, depending on operating system.

Ordering Information

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