



CLEARCUBE

# ClearCube® CD8851 Thin Client

## All-in-One Thin Client Terminal

ClearCube CD8851 All-In-One combines Thin Client and display into one integrated small-footprint package







### Featuring Intel® Celeron® Quad-Core Processor

CD8851 Cloud Desktop thin clients are powered by Intel® Celeron J1900 2.0 GHz Quad Core processors with Intel® HD graphics to provide exceptional multimedia capabilities, a PC-like user experience, and low power consumption in an affordable all-in-one package.

CD8851 thin clients include a 21.5-inch diagonal LED display, one DVI-D port, and one VGA port to enable up to two HD displays (up to 1920 x 1200 resolution). One USB 3.0 port, three USB 2.0 ports, one internal speaker, and 3.5 mm microphone and headphone jacks provide peripheral and audio connections. The adjustable stand lets users configure the integrated display, and display controls are conveniently located on the top edge of the display bezel. Designed for users working in virtualized environments, CD8851 thin clients are optimized for all major remote connectivity protocols (VMware® Horizon®, Citrix® ICA/HDX®, Microsoft® RDP, and many more).



## Benefits

 <p>Improve data and hardware security by removing local disks to minimize opportunities for theft and misuse</p>	 <p>Cloud Desktop OS supports CITRIX® XenDesktop, VMware® View with Blast Extreme, Microsoft® RDP, and more</p>	 <p>Browser-based Desktop Management with real-time monitoring, asset management, and job scheduling</p>	 <p>Intel® Bay Trail® J1900 2.0-GHz, Quad-Core processor for a PC-like experience</p>	 <p>All display and thin client power controls, peripheral connectors, and network port integrated into a single device</p>	 <p>Compact form factor reduces desktop footprint</p>
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## PC Features and Peripherals in VDI Environments

CD8851 thin clients are equipped with an Intel® Celeron® J1900 SoC Quad Core processor (2.0 GHz) and up to 8 GB DDR3L SO-DIMM to deliver excellent computing and graphics performance for the latest VDI solutions. CD8851 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 Horizon with Blast Extreme, Citrix HDX, Microsoft RDP/RemoteFX, and more. An integrated Kensington® Security Slot provides added security and safety for CD8851 thin clients.



# Thin Client

## Model CD8851

### 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.



CD8851 Side 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.

### C8851 Thin Client Specifications

Processor	Intel Celeron J1900 Quad-Core 2 GHz
Memory	SO-DIMM socket, DDR3L x 1 (up to 8 GB)
Display	21.5" TFT LCD with LED Backlight (up to 1920 x 1080)
Storage	SATA II connector for SSD and HDD x 2
I/O Physical	DVI-D x 1 VGA x 1 USB 3.0 x 1 USB 2.0 x 3 Internal speaker x 1 Microphone in x 1 Line-out x 1
Networking	LAN (RJ-45, 10/100/1000 BASE-T) x 1 WLAN x 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	60W, DC 12V/5A external power adapter
Mounting	VESA metal mount bracket
Security	Kensington Slot for use with Kensington locks
OS Support	ClearCube Cloud Desktop OS, Windows 10 IoT, Linux
Physical Characteristics	Plastic and Metal
Dimension	534 (W) x 348 (H) x 45.2 (D) mm
Regulatory Compliance	CE/FCC/LVC



### Ordering Information

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