CLEARCUBE

IP50 RATING AGAINST DUST
Perfect for industrial or embedded use

**Thin Client
CD8816**

KEY FEATURES

CPU

Intel Celeron N3450 (4C/4T, 1.10GHz up to 2.20GHz, 6W)

Operating System

StratodeskNoTouchOS/
ClearCubeCloudDesktopOS
Windows10IoT
Linux

Video

1 x HDMI VGA 3840x2160 @ 30Hz
1 x VG

External Ports
2 x HDMI
1 x VGA
1 x 3.5mm Speaker
1 x 3.5mm Mic
4x USB 2.0
2 x USB 3.0
2 x RJ45 1 Gbps
2.4G/5G dual-band Wifi, Bluetooth 4.0
5 x DB9 RS232
1 x Terminal Block Serial
1 x Terminal Block GPIO

TECHNICAL SPECS

Weight
10 lbs (4.5 kg)

Dimensions
8.24" (W) x 4.82" (D) x 2.77" (H)

Environment
-20°C to 70°C (-4°F to 140°F)

Power
Universal 100-240 VAC, 50-60Hz
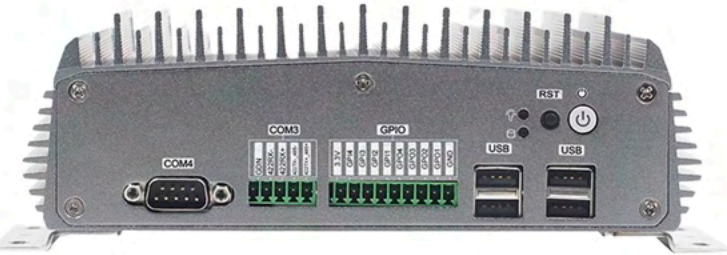Output: 12 V DC

Physical Characteristics
Metal housing

Memory
Type: DDR3
Recommended: 8GB

Storage
SATA 2.5": Available
mSATA: Available

IDEAL FOR:
· **Manufacturing plant, automated equipment, or shop floor**
· **Digital signage and kiosks**
· **IoT, monitoring/data-gathering**

Part Number   Part Description

CD8816 - G0900400-1

BENEFITS

| Browser-based Desktop Management with real-time monitoring, asset management, and job scheduling | 6 USB 2.0 ports (4 fornto / 2 rear) | Improves hardware and data security by eliminating local disks to minimize opportunities for theft and misuse | 1 HDMI display connector |

Rear View

SECURITY FEATURES

ClearCube CloudDesktop 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 Clients 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 virusproof thin clients that can connect to hosted desktops, cloud hosted desktops, or centrally hosted applications out of the box.

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.

IP50 RATING AGAINST DUST

Operate in spaces that can be hot and dirty. The specially designed, textured cooling fins dissipate heat, eliminating the need of a fan and allowing it to operate normally at temperatures as high as 60 degrees Celsius. Its fan-less design prevents contaminants from entering the case, giving it an IP50 rating against dust and debris.

HIGH PERFORMANCE, OPTIMAL QUALITY

The CD8816 incorporates an Intel® Apollo Lake chipset and up to 4GB DDR3 RAM for robust graphics performance, excellent data transfer speed, and higher bandwidth capabilities. Its fanless design also provides eight USB 2.0 ports, two USB 3.0 ports, audio input and output ports, as well as one HDMI output. Two GbE LAN ports expand network capacity to enable large file transfers and allow for redundancy, teaming, and load balancing in business critical environments. This computer could power your assembly line machines, serve as a shop floor computer, be installed in digital signage, or be a data gathering instrument for scientific research.

Ordering Information: CALL 512.652.3500

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

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