

Overview

Package Contents

- CD8822 or CD8824 thin client
 - Pedestal and screw
 - Power adapter and power cable
 - This *Quick Start Guide*
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Specifications

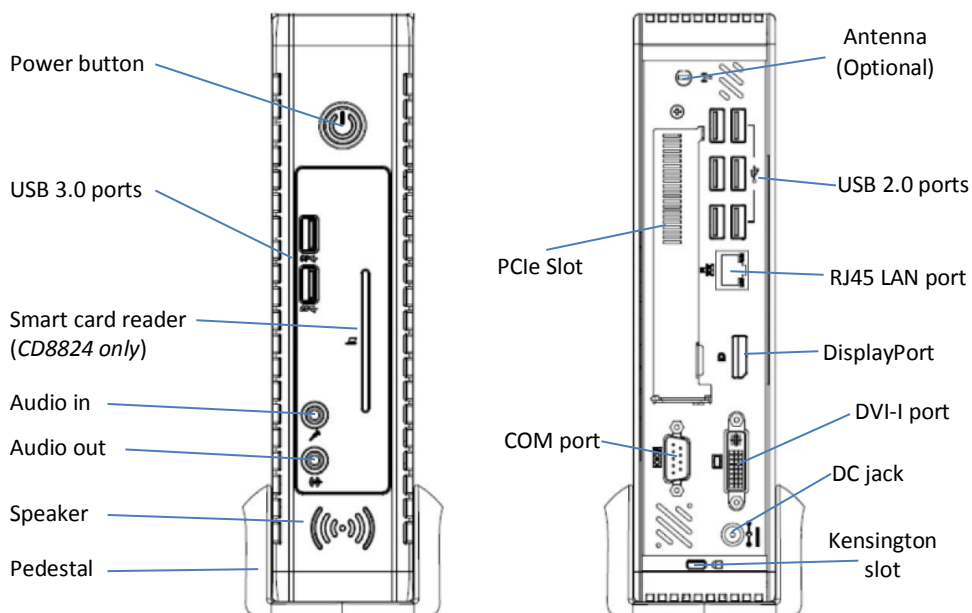
Processor:	AMD Stepe Eagle GX-412HC Quad-Core 1.2 GHz
Memory:	1 × SODIMM, DDR3, up to 8 GB
Graphics:	Integrated Radeon R3E
Audio:	HD Audio Realtek ALC662 1 W internal speaker
Network:	1 × RJ-45 10/100/1000BASE-T Ethernet (RJ45) 1 × Fiber NIC, 100 Mbps or 1000 Mbps (Optional) WLAN (Optional)
Smart Card Reader:	Internal (Optional)
I/O Connectors:	1 × DisplayPort [®] 1.2a (DP++), 1 display up to 4K (3840 × 2160) 1 × DVI-I, 1 display up to 1920 × 1200 1 × Mic-in (3.5 mm) 1 × Line-out (3.5 mm) 1 × COM
USB:	2 × USB 3.0 (front) 6 × USB 2.0 (rear)
Storage:	1 × 22-pin SATA III
Power:	48 W, DC 12 V/4 A external power adapter
Dimension:	230 mm (H) × 210 mm (D) × 57 mm (W)
Temperature:	Operational: 32 to 95 °F (0 to 35 °C) Storage: -4 to 140 °F (-20 to 60 °C)
Relative Humidity:	20% to 80% non-condensing

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Overview, Continued

Features

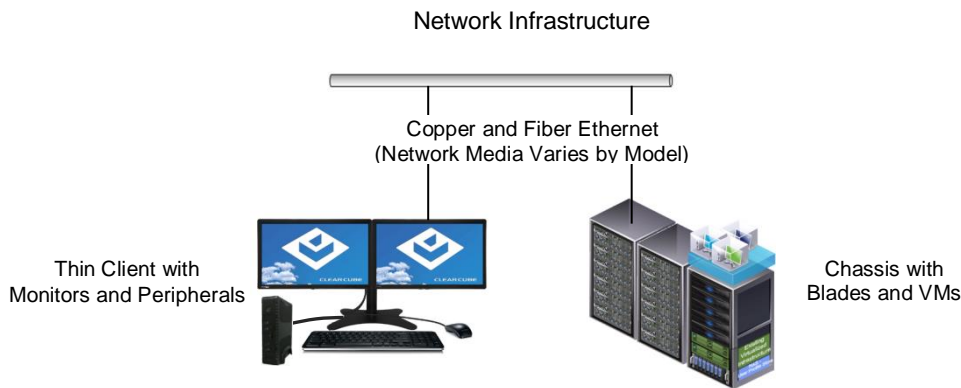
The pictures below show CD8820-series thin client features. Some features vary by model.



Thin Client Overview

A *Cloud Desktop*, or *thin client*, is a remote computing device that connects a user's monitors, keyboard, mouse, speakers, and other peripherals to remote PC blades (computers) and to virtual desktops (VMs). As shown below, computing resources are typically located in remote data centers.

Thin clients enable users to work on a blade or VM as if it is a local PC using a remote connection protocol. See the documentation for the remote protocol application that you use for additional information.



Thin Client Setup

Safety and Precautions



Prevent ESD (electrostatic discharge) damage to smart card readers by always discharging your body and smart card before using a reader (for example, by touching a grounded, unpainted, metal object). ESD can vary depending on many environmental conditions, including clothing that users wear and how they handle smart cards. ESD damage can potentially cause unsupported card reader behavior including failure. Always perform ESD prevention steps before using the card reader.

- Do not install the thin client in areas where it can become wet or be exposed to water.
- Only use the power cord shipped with the thin client.
- Ensure there is four inches of space surrounding the thin client. Inadequate ventilation can damage the device.

Setting up a Thin Client

The steps below show how to set up a thin client.

Step	Action
1	Carefully unpack the thin client and components. Ensure that you have the following items: <ul style="list-style-type: none"> • Power cord (included) • USB mouse • USB keyboard • DVI monitor, DisplayPort monitor, or both
2	Place the thin client in its pedestal and use the included screw to secure the pedestal to the thin client.
3	Connect a USB keyboard and mouse to the thin client (be sure that USB 2.0 and 3.0 connectors are connected to appropriate ports).
4	Connect an Ethernet cable to the Ethernet port on the rear of the thin client and to the Ethernet port on the remote compute device or network device.
5	Optionally, connect any peripherals to the thin client. If you purchased a thin client with an internal WLAN card, attach the included antenna to the rear of thin client.

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Thin Client Setup, Continued

Setting up a Thin Client (continued)

Step	Action
6	Connect the included power cord and AC adapter, and then plug the adapter into the rear of the thin client. Continue by plugging the power cord into an AC power outlet.
7	Power on the thin client by pressing the power button.
8	<p>If the thin client contains a smart card reader and uses a Windows Operating System:</p> <ul style="list-style-type: none">• Install a smart card reader driver on the remote device to which users connect. Drivers are available at www.clearcube.com/support.• Be sure that the Windows operating system Smart Card service (SCardSvr) is running on the remote device to which users connect. See operating system documentation for more information.

You can now use remote connection software to connect to a remote computing device.

BIOS Hotkey

To access the BIOS, press the **ESC** key when prompted as the ClearCube splash screen appears.

User Accounts

Depending on configuration, thin clients include a Windows operating system or ClearCube Cloud Desktop OS.

Windows:

The thin client boots to the Administrator user account. The default password is an empty value (blank).

NOTE: Change administrator password immediately after logging in.

Cloud Desktop OS:

The thin client boots to the user account and displays the Configuration Wizard the first time you power on the thin client. The default password is **admin** (case-sensitive).

NOTE: Change administrator password immediately after logging in. You can specify a new password using the Configuration Wizard.

Resources and Support

Additional Information

ClearCube Sentral Administrator's Guide describes how to use ClearCube Sentral to manage thin clients, chassis, and related devices; perform connection brokering; and more.

Contacting Support

Web site: www.clearcube.com/support

Email: support@clearcube.com

Phone: (512) 652-3400

Toll-free: (866) 652-3400

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WEEE Disposal Guidelines

In the European Union, this electronic product falls under the European Directive (2002/96/EC) WEEE. When it reaches the end of its useful life or is no longer wanted, dispose of it at an approved, designated recycling or treatment facility. Check with your local authorities for proper disposal instructions. For assistance, contact ClearCube at recycle@clearcube.com.

