C4Pi Thin Client Quick Start Guide

Overview

Package Contents

☐ ClearCube C4Pi Thin Client

☐ Power adapter

☐ Mini USB power cable with integrated power switch

☐ This *Quick Start Guide*

C4Pi Features

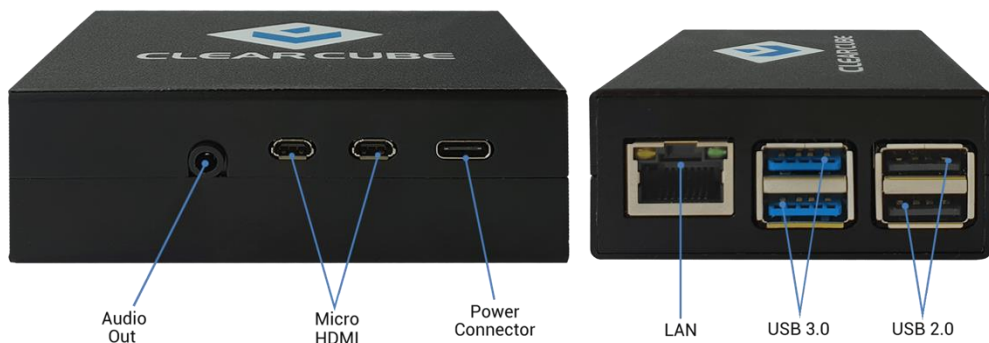The pictures below show the features of the C4Pi Thin Client.

Figure 1. The C4Pi features and components

Thin Client Overview

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

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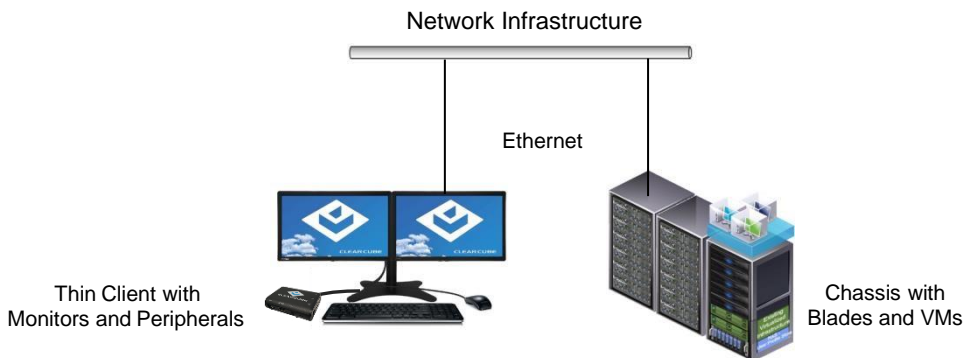

Figure 2. Overview of thin client architecture

Thin Client Setup

Network Requirements

The list below shows inbound ports to open for thin client communication and management.

TCP/UDP	Port	Application
TCP	22	SSH, secure thin client communication (if enabled)
TCP	23	Thin client communication (if enabled)
TCP/UDP	80	HTTP, thin client management access (if enabled)
TCP	443	HTTPS, secure thin client management access (if enabled)

Setting up a Thin Client

The steps below show how to set up a C4Pi thin client.

Step	Action
1	Carefully unpack the thin client and components. Ensure that you have the following items: • Mini USB power cable and 5V, 3A power adapter (included) • USB mouse • USB keyboard • Micro HDMI cables and monitor
2	Connect a USB keyboard, mouse, and any additional peripherals to the C4Pi thin client.
3	Preparing a network connection: • If you are using a wired network connection, 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 (such as a network switch).

Continued on next page

Thin Client Setup, Continued

Setting up a Thin Client (continued)

Step	Action
4	Connect the included Mini USB power cord and AC adapter, and then plug the Mini USB cable into the rear of the thin client. Continue by plugging the power adapter into an AC power outlet.
5	Power on the thin client.

Next steps: Perform the initial configuration of Cloud Desktop OS (First-Time Wizard) and, optionally, configure Wi-Fi connections.

C4Pi Indicators and Power Controls

The list below describes power functions available from the power cable and operating system.

- **Power cable with switch**

The power cable provides 5V power to the C4Pi, and the switch integrated into the cable turns 5V power on and off.

- **Cloud Desktop OS:**

  – **Shutdown:** From Cloud Desktop OS, click **Start > Shutdown**.

  When using Cloud Desktop Shutdown option, the C4Pi enters a low power state. While the C4Pi is in a low power state, 5V power is still present. To turn off 5V power, press the switch integrated into the cable.

  NOTE: To apply power to the C4Pi from this state, you might have to press the power button twice.

  – **Reboot:** From Cloud Desktop OS, click **Start > Reboot** to shut down and restart the operating system.

Cloud Desktop OS Setup (First-Time Wizard)

About Cloud Desktop OS

Cloud Desktop OS is the operating system included with the ClearCube C4Pi Thin Client. See the *Cloud Desktop Quick Start Guide*, included in your shipment, for details about setting up and configuring Cloud Desktop OS. The quick start guide is also available from the ClearCube Support site (www.clearcube.com/support/). From the Software drop-down menu, click **Cloud Desktop OS**.

Cloud Desktop OS Accounts

The C4Pi 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 (First-Time Wizard).

The First-Time Wizard

Cloud Desktop OS displays the First-Time Wizard the first time you power on a client or after a factory reset. This wizard lets administrators create connections quickly by specifying a minimum number of Connection attributes. After creating a Connection, administrators can edit and create additional Connections using the OS's Configuration application.

The section below shows each step in the First-Time Wizard.

First Connection

This section assumes you are powering on a client for the first time. The table below shows how to create a simple Connection and specify the administrator password.

Step	Action
1	Power on the thin client. **Result:** The thin client displays the BIOS splash screen then boots to the desktop. The First-Time Wizard starts and displays the **Step 1 - Location and keyboard** screen.
2	From the drop-down menus, select values for the **Time zone**, **Country**, **System locale**, and **Keyboard layout** fields.
3	Click **Next**. **Result:** The First-Time Wizard displays the **Step 2 - Create a connection** screen.
4	Click **Mode** to display a list of connection modes. Select the mode or protocol for the connection you are creating.
5	In the **Target** field, type the host name, URL, or IP address of the connection host or connection broker for the thin client.
6	Optionally, specify a group name in the **Resource** field if the host target is part of a resource group.

Cloud Desktop OS Setup (First-Time Wizard), Continued

First Connection (continued)

Step	Action
7	Optionally, select the **Automatic start** option to start the connection when the thin client is powered on.
8	Click **Next**. **Result:** The First-Time Wizard displays the **Step 3 - Set administrator password** screen.
9	Specify an administrator password. This is the password that administrators use to access the OS's Configuration application.
10	Click **Finish**. **Result:** The First-Time Wizard displays a success message and places a connection shortcut on the desktop. Click the **Close** button in the upper-right portion of the screen to close the First-Time Wizard. (Desktop Connection icons are enabled by default. You can change this setting from the Configuration application.)

Next step: The Connection is placed on the desktop and is available from the Start menu (see Figure 3). See the section below for information about starting a Connection. For more information about configuration options, see *Cloud Desktop OS Quick Start Guide*.

Starting a Connection

After creating a connection as shown above, users can start Connections from the Start menu or from a desktop icon (if desktop icons are enabled in the Configuration application). The picture below shows a Connection desktop shortcut and a Connection listed in the Session menu.
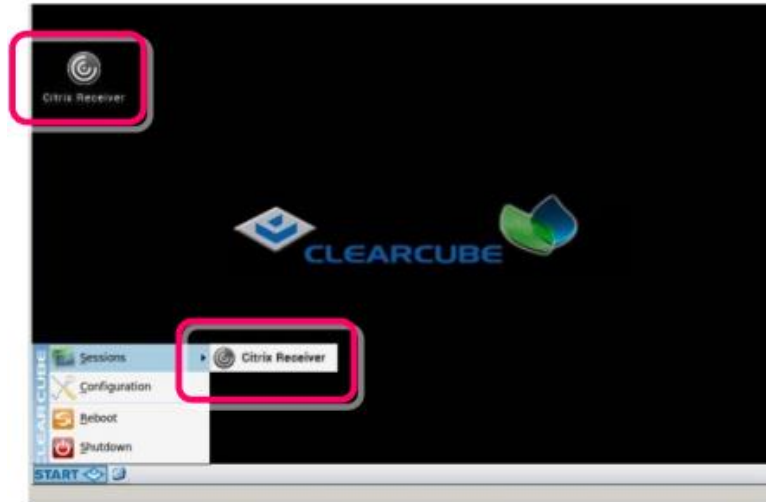

Figure 3. Connection (Sessions) shortcuts

The list below shows how to start a connection.

- Click **Start > Sessions**, and then select a **Connection**. (Alternatively, you can right-click an empty space on the desktop to display the Sessions menu.)

—OR—

Wireless Network Setup, Continued

Starting a Connection (continued)

- Double-click the Connection desktop icon.

Administrators can permit or prohibit Connection icons from appearing on the desktop. Click **Start > Configuration** and enter the administrator password. From the menu's **Management** area, click **Connections > edit**. Select an option from the **Icon on desktop** field.

Resources and Support

Additional Information

Cloud Desktop Quick Start Guide details Cloud Desktop OS setup, configuration, and more. From the ClearCube Support site (www.clearcube.com/support/), click the Software drop-down menu, and then click **Cloud Desktop OS**.

Contacting Support

Web site: www.clearcube.com/support

Email: support@clearcube.com

Phone: (512) 652-3400

Toll-free: (866) 652-3400

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.