

ClientCube Quick Start Guide

About ClientCube

Package contents

The list below shows the contents of a ClientCube® package.

- ClientCube, preconfigured with
 - Zero clients (see documentation cited below for zero client details)
 - Device cabling (including ClientCube power cable, zero client power and video cables, and (depending on model) USB CAC cabling for KVM switch.
 - Belkin® Secure KVM switch (switch container includes accessories and Secure KVM switch user manual)
- This Quick Start Guide
- Secure KVM User Manual, and
- ClearCube Zero Client Quick Start Guide(s) for installed zero clients.

Component documentation

This list shows documentation for each ClientCube component.

- **Belkin Secure KVM Switch User Manual** (included in package)
- **ClearCube Zero Client Quick Start Guide(s)** (included in package)
- **PCoIP® Technology concepts** (www.clearcube.com/support)
 - *PC-over-IP® System User's Guide*
 - *PC-over-IP Device Firmware Support and Compatibility Guide*

ClientCube components

The picture below shows a 4-port and a 2-port ClientCube (your product features might differ slightly).

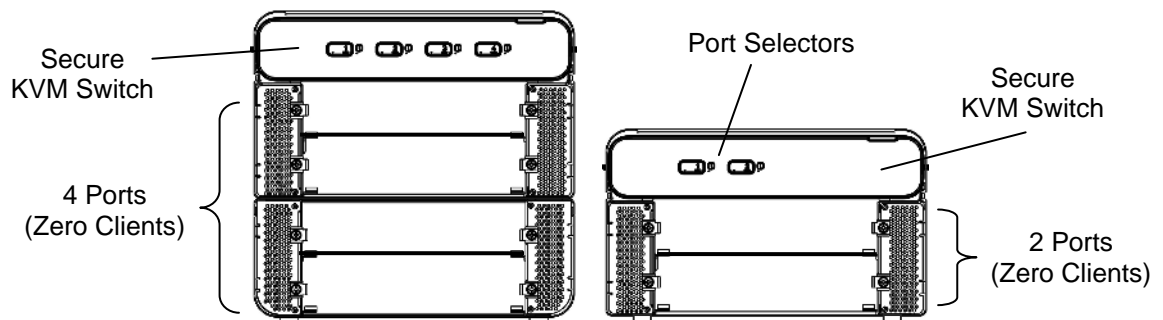


Figure 1. ClientCube configurations: 4-port and 2-port

Before You Begin

Personal and product safety

CAUTION: Prevent ESD (electrostatic discharge) damage to ClientCube and 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.



Inspect packaging

ClearCube applies tamper-evident tape to ClientCube packaging to ensure security throughout delivery. If ClientCube packaging or hardware (including holographic seals on the Secure KVM) shows any evidence of disruption, call ClearCube Support immediately at **(800) 652-3400**.

Not included in package

Before installing a ClientCube, be sure to have

- a network cable for each zero client, and
- optionally, a network switch.

Setting up ClientCube

Before setup

The table below shows steps to take after unpacking a ClientCube, before installation.

Step	Action
1	Ensure all required infrastructure is in place and is configured. Depending on your deployment, this can include <ul style="list-style-type: none"> • DHCP servers • a copper network (including switches, routers, and so on) • a fiber network (including media converters, switches, routers, and so on) • VMware View infrastructure, and • CAC or smart card components and authentication/single-sign-on infrastructure
2	Record MAC addresses of Zero Clients and Host Cards for use during deployment and configuration. (A configuration label on each ClearCube device specifies a MAC address.)
3	If you are using physical devices with PCoIP Host Cards, download and install audio and GPU drivers appropriate for your host card. ClearCube Host Cards only support drivers available from ClearCube Support.
4	Optionally, install a CAC driver on any computing devices requiring CAC support.

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Setting up ClientCube, Continued

Procedure: setup

The table below shows how to set up ClientCube.

NOTE Follow the steps in the order listed below—be sure to connect all video cables before connecting power to ClientCube (note that connecting power automatically powers on ClientCube).

Step	Action
1	Connect Ethernet or fiber cables to ClientCube zero clients.
2	Connect one or more displays to the Secure KVM Console Monitor Port(s).
3	Connect a keyboard and mouse to the Console portion of the Secure KVM.
4	Optionally, connect speakers and a CAC reader to the Console portion of the Secure KVM.
5	Connect the ClientCube power cable to a power outlet, then connect the power adapter to ClientCube. Result: Secure KVM and zero clients power on.

Procedure: configure and connect

The table below shows how to configure zero clients and remote hosts, and how to connect.

Step	Action
1	Configure zero clients using the zero client <i>on-screen display</i> (OSD). Note: For more information about the OSD and configuration, see the appropriate zero client <i>Quick Start Guide</i> (included) and <i>PC-over-IP System User's Guide</i> (download from ClearCube Support) for more information.
2	If you are using physical devices with PCoIP Host Cards, use a Web browser and the Host OSD to configure the host card as appropriate for your environment. For more information, see the documentation cited above.
3	From the zero client OSD, click Connect . Result: If you are using direct connection or reserved DHCP addresses, you are connected to the remote host specified during configuration. If you are using DHCP and device discovery, a list of available hosts is displayed. Select a host to connect to.

Additional steps

The list below shows additional ClientCube configuration steps.

- Optionally, install ClientCube accessories including color chips to distinguish each port button, and name labels to identify each network. See *Secure DVI-I KVM User Manual* for more information.
- Optionally, mount the ClientCube using the ClientCube Mounting Bracket (not included). See “Pre-Configuration” in *Secure DVI-I KVM User Manual* for additional information about placement considerations.



Additional Information and Support

Contacting Support

Web	www.clearcube.com/support/
Email	support@clearcube.com
Toll-free	(866) 652-3400
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