# ClearCube Client Chassis

*Moving the Zero Client to the data center:*
*Integrating VDI in KVM extension deployments and*
*enhancing PCoIP security*

## Moving the Zero Client to the Data Center

The ClearCube Client Chassis is a 1U (rack unit) chassis providing 10 zero client connections in the data center. The chassis enables organizations to use zero clients in a switch matrix topology, actively managing where zero client input is distributed. Using KVM extenders you can now send zero client output (video, audio, and USB) to a variety of locations at distances of up to 80 km, such as to a video wall matrix or to a user's desk. Desktop deployment is as simple as connecting monitors, keyboard, and mouse to a small receiver module for a truly superior video experience, with one display at up to 2650 × 1600 resolution or two displays at up to 1920 × 1200 resolution.

## Integrating KVM Extension and Virtual Desktop Infrastructure

Virtual Machines (VMs) lack the physical inputs required by KVM extension systems, complicating and—in many cases—prohibiting the inclusion of virtual desktop infrastructure (VDI) in deployments using  KVM extension. ClearCube Client Chassis technology enables organizations with significant investments in KVM extension systems to integrate any VDI platform into their deployments.

Similarly, Client Chassis enables organizations with KVM extension systems to include the performance, security, and flexibility of Teradici® PCoIP® connections to physical workstations, Blade PCs, VMs, and other computing resources. Devices using PCoIP protocol can now use KVM extension technology to send audio, video, and USB data to a KVM matrix, where it can be copied, duplicated, sent to desktops, to a video wall, and more.

## Benefits

| Put 10 Zero Clients in a 1U rack space in the secure data center | Harden security by removing PCoIP endpoints from the desktop and locate the entire PCoIP network inside a secure data center | Provide exceptional video and graphics over fiber optic cabling to users, video walls, and more | Provide true EMP shielding by replacing copper cabling with fiber optic cabling at the desktop | Integrate Virtual Machines and PCoIP in deployments using KVM Extension technology |
| --- | --- | --- | --- | --- |

*Client Chassis, rear view*

## Enhanced Security

Client Chassis add data security benefits to those that ClearCube high-security solutions typically provide. Fiber optic cabling from the data center to the desktop provides true EMP (electromagnetic pulse) shielding to eliminate many security risks inherent to copper cabling. Since the Client Chassis moves all zero clients from the desk to the secure data center, this eliminates the traditional requirement of opening PCoIP-related ports across the entire network. No PCoIP devices at the desktop means Admins can block unnecessary ports, and the PCoIP network stays inside the secure data center. When organizations have no endpoints available for theft, misuse, or hacking, they have true endpoint security.

## Client Chassis Specifications

| | |
|---|---|
| Form Factor | 1U rack mount chassis (contains 10 zero clients) |
| Operating System | None |
| Display | Two displays |
| | Single: 2560 × 1600 @60Hz, 32-bit color depth |
| | Dual: 1920 × 1200 @60Hz, 32-bit color depth |
| Connections | Mini DP (×20), two Mini DP per zero client |
| | USB 2.0 (×10), one USB per zero client |
| | Gigabit NIC, RJ45 (×2) |
| Power Supply | 350 Watt AC |
| AC Voltage | 100−240 V, 50−60 Hz |
| Operating Temperature | 0° to 35° C (50° F to 95° F) |
| Operating Relative Humidity | 8% to 90% (non-condensing) |

### Ordering Information

Call 866-652-3500 or Email sales@clearcube.com

to order or for more information