

C7422/C7422G Digital Fiber Zero Client

Ultra-Secure High-End Performance in Centralized and Virtualized Computing

Take advantage of an ultra-secure computing solution that delivers full performance video unhindered by distance with the dual monitor-capable ClearCube C7422 Digital Fiber Zero Client and centralized PC blades or VMware virtual machines.

The C7422 Zero Client enables organizations to centralize computing resources and provide end users with consistent and reliable computing power via a direct-connect fiber, or through an IP connection that is separate from the OS, ensuring proper disaster recovery practices, increasing IT security and reducing IT management costs.



The C7422 Zero Client supports 10/100Mbps and can be connected to ClearCube PC blades through an F6151 digital fiber optic transceiver, with 62.5µm or 50µm fibers – the same cabling used for distributed PCs with fiber optic Ethernet cards. The C7422G Zero Client supports 1 Gbps networks. When deployed using a secure point-to-point fiber connection, data displayed to the desktop will not co-mingle with any network traffic, and users cannot disconnect the fiber for use with a PC or notebook.

High Performance, Optimal Quality

ClearCube's transparent desktop extension technology leverages PCoIP™ technology to enable C7422 desktop clients to break the distance barrier, delivering a "perfect" high-end PC experience via the network for up to two monitors, while transparently redirecting USB from the desktop back to the PC blade.

Connection brokering and settings for the C7422 Zero Client are handled by the ClearCube Sentral™ management software. The addition of the C7422 gives the ClearCube centralized computing solution administrators the ability to mix and manage both physical PC blades and VMware-enabled virtual machines from anywhere, regardless of employee location.



C7422 Digital Fiber Zero Client Benefits

- Delivers full desktop quality computing experience via a digital connection
- Fully managed through the ClearCube Sentral™ management software
- Centralizes PC resources in a single, secure location
- Direct or IP switch network capability
- Increases security of physical and data assets
- Helps ensure disaster recovery practices
- Dramatically reduces management costs and complexity
- Provides the ideal quick-deploy/redeploy solution
- Seamless Integration with VMware View 4.0

Full PC Experience Over-IP

The C7422 Zero Client delivers simultaneous full screen, full motion video at high resolution on one or two monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation.

Simple Installation, Secure Hardware

The C7422 Zero Client requires no special OS drivers. There are no moving parts that can fail and no removable parts that encourage user tampering/theft. The units easily connect all standard peripherals including multiple monitors, keyboard, mouse, audio input/output devices and USB peripherals – including isochronous USB devices like web cameras. A separate LED link light indicates when the unit has an active connection to a PC blade. Advanced configuration options allow specific management of USB devices allowed including entire classes such as USB mass storage devices.

The C7422 takes advantage of single or multimode fiber optic modules, which offer users a small form factor, easy termination and broad industry support. The ClearCube centralized architecture paired with fiber optic transport creates a high performance ultra-secure solution for commercial, government and military installations.

At 15 Watts, the ClearCube C7422 is very energy efficient and comes in a tamper-proof rugged case with the option of custom colors and includes a port for a Kensington lock for additional physical security.

Specifications

Dimensions:	2 inches H x 8.5 inches W x 5.3 inches D
Operating System:	None
Fiber Type:	62.5 µm or 50 µm fiber
Distance:	Up to 2,000 meters direct connect (3000 miles over IP network)
Video:	Supports 1 or 2 monitors at 32 bit color depth and up to 1920x1200
Connections:	4 USB ports 2 DVI-I digital video ports HD Audio Out and Audio In 10/100 Mbps or 1 Gbps SC Fiber module Power connection for auto-sensing power adapter
Power Supply:	Universal 100-240 VAC, 50-60Hz
Max Consumption:	15W
Shipping Weight:	3 pounds (6.82 kg)
Environment:	Stationary office installation, 0° to 35° C

Ordering Information

Use the following part numbers to order your C7422 Digital Fiber Zero Client:

Digital Fiber Zero Clients

Model C7422 Digital Fiber Zero Client 10/100 Mbps

Model C7422G Digital Fiber Zero Client 1 Gbps

Note: Must have system with a V5120 or V5220 Digital Dual Video Host Card or VMware View on the an accessible network

Accessories

GF6150-160 – Digital Fiber Transceiver Bundle – required when connecting Zero Client to non-fiber switch