

C7424 and C7424G Digital Fiber Zero Client with Integrated Smart Card Reader

Ultra-Secure, High-End, Fiber-Optic Performance in Centralized and Virtualized Computing

ClearCube® delivers high performance and robust security in a new computing solution: dual-monitors and full-performance video from a zero client with advanced PCoIP® technology and the added security of an integrated smart card reader, digital fiber connections to remote blades and VMware® virtual machines, and an integrated Kensington® Security Slot.

ClearCube C7424 (10/100 Mbps) and C7424G (1 Gbps) Digital Fiber Zero Clients enable organizations to tighten security and lower management costs by centralizing computing resources. Administrators can quickly deploy zero clients and connect users to blades and to VMs over a switched Ethernet network or through direct connections. The ClearCube architecture increases IT security, reduces IT management costs, and simplifies disaster recovery practices.



High Performance, Optimal Quality

The new digital fiber zero clients connect to ClearCube PC blades through the ClearCube F6151 fiber transceiver using 62.5 µm or 50 µm fibers—the same cabling used with traditional fiber-optic Ethernet cards. The secure, point-to-point fiber connections prevent desktop data from commingling with network traffic, and users cannot disconnect the fiber cable for use with a PC or a notebook.

ClearCube Sentral™ management software performs connection brokering for C7424-series Zero Clients and blades or VMs. C7424-series Zero Clients enable administrators to manage physical PC blades and VMware virtual machines from anywhere, regardless of employee location.

Full PC Experience over IP

The C7424 Zero Client, based on the Tera 1100 Portal Processor, delivers simultaneous full-screen, full-motion video at high resolutions on one or two monitors. The resolution and display orientation (portrait or landscape) of each monitor can be configured independently.



C7424-Series Digital Fiber Zero Client Benefits

- Fully-integrated Smart Card Reader for secure access
- PCoIP® technology delivers a desktop-quality computing experience over a secure, digital, fiber-optic connection
- Seamless integration with VMware® View™ 4.0
- Fully managed with ClearCube® Sentral™ management software
- Significantly reduces management costs and complexity
- Centralizes PC resources in a single, secure location
- Simplifies disaster recovery practices
- Direct or switched Ethernet network capability
- Fast, simple deployment & redeployments

Simple Installation, Secure Hardware


C7424-series Zero Clients require no special OS drivers. There are no moving parts that can fail and no removable parts that encourage tampering or theft. All standard peripherals easily connect to the zero clients: multiple monitors, keyboard, mouse, audio input and output devices and USB peripherals (including Web cams and other isochronous USB devices).

Advanced USB options enable Administrators to allow or to disable the use of USB devices connected to the zero client. Administrators can apply usage permissions at a high level (to classes of devices—such as mass storage devices), or to levels as granular as model, manufacturer or even a specific device.

The C7424 and the C7424G take advantage of single or multimode fiber-optic modules, which offer 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.

Using only 15 Watts, ClearCube C7424 and C7424G Zero Clients are very energy efficient and come in a rugged, tamper-proof case with a Kensington Security Slot for use with Kensington locks. Options include customized colors.

Specifications

Dimensions:	2 inches W × 8.75 inches H × 5.3 inches D
Operating System:	None
Fiber Type:	62.5 μm or 50 μm fiber
Distance:	C7424—Up to 2,000 meters direct connect (3,000 miles over IP network) C7424G—Up to 550 meters
Video:	Supports 1 or 2 monitors at 32-bit color depth and up to 1920 x 1200 resolution
Connections:	3 USB ports 2 DVI-I digital video ports HD audio in and audio out Standard audio out 10/100 Mbps (C7424) or 1 Gbps (C7424G) SC fiber module Power connection for auto-sensing power adapter Integrated smart card reader
Security:	 Kensington® Security Slot for use with Kensington locks
Power Supply:	Universal 100-240 VAC, 50-60 Hz
Max Consumption:	15 W
Weight:	2 pounds, 10.9 ounces (1.22 kilograms)
Environment:	Stationary office installation, 0° to 35° C

Ordering Information

Use the following part numbers to order your C7424-series Digital Fiber Zero Client.

Digital Fiber Zero Clients

GC7424	Model C7424 Fiber C/Port w/CAC w/NA Power Cord
G0900097	C7424 Base 10/100
G0900098	C7424G Base 1GBps 550m
G0600001	I9422/I9424 Power Cord - UK
G0600002	I9422/I9424 Power Cord - Euro

NOTE: Zero client must connect to a host with a V5120 or a V5220 Dual Host Card or to VMware View on an accessible network.

Accessories

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

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