

Next-Gen Dual Fiber Zero Clients

PCoIP® TERA 2321 Model CD7622 /7624

Zero Clients for Centralized and Virtualized Computing



ClearCube® delivers high performance and robust security in a new PCoIP TERA2 computing solution unhindered by distance. With dual-monitors and full-performance video, Cloud Desktop 7622 (CD7622) adds digital fiber connections to VMware® virtual desktops on SmartVDI systems, 3rd party virtual machines, and remote ClearCube Blade PCs. CD7624 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards.

Rugged, Durable Enclosure

Designed to tolerate rough use, CD7624's metal chassis is durable and oriented for CAC/SIPR card insertion. All ClearCube Desktop Zero Clients are fully TAA-compliant.

CD7622/24 Zero Client's SFPs support 100 base and 1 Gbps connections to host resources. In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD7622/24 can broker a connection to both SmartVDI and Blade PC resources using VMware View. Dedicated 1:1 users can take advantage of hardware accelerated PCoIP chips in ClearCube's Blade PCs to support legacy, mission-critical, and/or GPU-intensive applications.

AES-128/AES-256 Suite B Ciphers, USB 2.0 devices, and full power management with Wake-on-LAN support are supported by CD7622/24's TERA2321 chip. A reset/power button located on the CD9622/24 Zero Clients can be selectively configured to allow or disallow users to power down or reset the connected Blade PC without administrator assistance. A separate LED link light indicates when the unit has an active connection to a PC blade or VMware View host.

Full PC Experience over IP

CD7622/24 Zero Clients work with existing Ethernet networks and can be deployed using totally secure point-to-point connections to make it impossible for desktop-displayed data to commingle with any other network traffic.

CD7622 / 24 Series Digital Fiber Zero Client Benefits

PCoIP® technology delivers a desktop-quality computing experience over a secure, digital, fiber-optic connection

Seamless integration with VMware® View™

Fully managed with ClearCube® Sentral™ management software

Significantly reduces management costs and complexity

Simplifies disaster recovery practices

Direct or switched Ethernet network capability

Fast, simple deployment & redeployments



High Performance, Optimal Quality

CD7622 Zero Clients deliver 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. Supported resolutions are 1x 2560x1600 or 2x 1920x1200.

Simple Installation, Secure Hardware

CD7622 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. A separate LED link light indicates when the unit has an active connection to a PC blade. Advanced configuration options using Port Authority allow specific policy-based management of USB devices including enabling/disabling entire classes of mass storage devices.

Specifications



Fiber CD7622 Zero Client Specifications	
Chipset	Teradici TERA2321 PCoIP™
Operating System	None
Display	Single: 2560x1600@60Hz, Color Depth: 8, 15, 16 or 24bpp Dual: 1920x1200@60Hz, Color Depth: 8, 15, 16 or 24bpp
Memory	32-bit 667Mhz DDR3 RAM (512 MB)
Connections	4 - USB 2.0 Compatible ports Dual single-link DVI-D/DVI-I ports
Audio	HD Audio Out and Audio In Composite Audio 1/8-inch mini jack One Line out / speaker 1/8-inch mini jack
Network	Fiber SFP Module Ready Power connection for auto-sensing power adapter
Power Supply	Universal 100-240 VAC, 50-60Hz Output: 12 V DC, 3A
Max Consumption	15 Watts (Avg 6W)
Dimensions	Approximately 2 inches x 8.5 inches x 5.3 inches (5 cm x 21.5 cm x 13.5 cm)
Shipping Weight	4.3 pounds (1.95 kg)
Environment	Stationary office installation, 0° to 35° C

CD7624 Zero Client <i>(same as above except the following)</i>	
Connections	3 - USB 2.0 Compatible ports
Security	Integrated smart card reader Kensington® Security Slot for use with Kensington locks

Ordering Information

Use the following part numbers to order CD7622 / 7624.

Model CD7622 / 24 Zero Client Ordering Information		
Zero Client	Part Number	Part Description
Zero Client CD7622	G0900225	Model CD7622 Zero Client, Dual Display Fiber
Zero Client CD7624	G0900226	Model CD7624 Zero Client, Dual Display Fiber, w/card reader

Next-Gen Quad Fiber Zero Clients

PCoIP® TERA 2140 Model CD7642 / 7644

Zero Clients for Centralized and Virtualized Computing



ClearCube® delivers high performance and robust security in a new PCoIP TERA2 computing solution unhindered by distance. With quad-displays and full-performance video, Cloud Desktop 7642 (CD7642) connects to VMware® virtual desktops on SmartVDI systems, 3rd party virtual machines, and remote ClearCube Blade PCs. CD7644 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards.

Rugged, Durable Enclosure

Designed to tolerate rough use, CD7642's metal chassis is durable and oriented for CAC/SIPR card insertion. All ClearCube Desktop Zero Clients are fully TAA-compliant.

CD7642/44 Zero Client's SFPs support 100 base and 1 Gbps connections to host resources. In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD7642/44 can broker a connection to both SmartVDI and Blade PC resources using VMware View. Dedicated 1:1 users can take advantage of hardware accelerated PCoIP chips in ClearCube's Blade PCs to support legacy, mission-critical, and/or GPU-intensive applications.

AES-128/AES-256 Suite B Ciphers, USB 2.0 devices, and full power management with Wake-on-LAN support are supported by CD7642/44's TERA2140 chip. A reset/power button located on the CD7642/44 Zero Clients can be selectively configured to allow or disallow users to power down or reset the connected Blade PC without administrator assistance. A separate LED link light indicates when the unit has an active connection to a PC blade or VMware View host.

Full PC Experience over IP

CD7642/44 Zero Clients work with existing Ethernet networks and can be deployed using totally secure point-to-point connections to make it impossible for desktop-displayed data to commingle with any other network traffic.

CD7642 / 44 Series Digital Fiber Zero Client Benefits

PCoIP® technology delivers a desktop-quality computing experience over a secure, digital, fiber-optic connection

Seamless integration with VMware® View™

Fully managed with ClearCube® Sentral™ management software

Significantly reduces management costs and complexity

Simplifies disaster recovery practices

Direct or switched Ethernet network capability

Fast, simple deployment & redeployments



High Performance, Optimal Quality

CD7642 Zero Clients deliver simultaneous full screen, full motion video at high resolution on two or four monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation. Supported resolutions are 2x 2560x1600 or 4x 1920x1200.

Simple Installation, Secure Hardware

CD7642 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. Advanced configuration options using Port Authority allow specific policy-based management of USB devices including enabling/disabling entire classes of mass storage devices.

Specifications



Fiber CD7642 Zero Client Specifications	
Chipset	Teradici TERA2321 PCoIP™
Operating System	None
Display	Dual: 2560x1600@60Hz, Color Depth: 8, 15, 16 or 24bpp Quad 1920x1200@60Hz, Color Depth: 8, 15, 16 or 24bpp
Memory	32-bit 667Mhz DDR3 RAM (512 MB)
Connections	4 - USB 2.0 Compatible ports Quad single-link DVI-D/DVI-I ports
Audio	HD Audio Out and Audio In Composite Audio 1/8-inch mini jack One Line out / speaker 1/8-inch mini jack
Network	Fiber SFP Module Ready Power connection for auto-sensing power adapter
Power Supply	Universal 100-240 VAC, 50-60Hz Output: 12 V DC, 3A
Max Consumption	24Watts (Avg 12W)
Dimensions	Approximately 2 inches x 8.5 inches x 5.3 inches (5 cm x 21.5 cm x 13.5 cm)
Shipping Weight	4.8 pounds (2.18 kg)
Environment	Stationary office installation, 0° to 35° C

CD7644 Zero Client <i>(same as above except the following)</i>	
Connections	3 - USB 2.0 Compatible ports
Security	Integrated smart card reader Kensington® Security Slot for use with Kensington locks

Ordering Information

Use the following part numbers to order CD7642 / 7644.

Model CD7642 / 44 Zero Client Ordering Information		
Zero Client	Part Number	Part Description
Zero Client CD7642	G0900227	Model CD7642 Zero Client, Quad Display Fiber
Zero Client CD7644	G0900228	Model CD7644 Zero Client, Quad Display Fiber, card reader

Next-Gen Dual Copper Zero Clients

PCoIP® TERA2321 Model CD9622 / 9624

Zero Clients for Centralized and Virtualized Computing



ClearCube® delivers high performance and robust security in a new PCoIP TERA2 computing solution unhindered by distance. With dual-monitors and full-performance video, Cloud Desktop 9622 (CD9622) connects to VMware® virtual desktops on SmartVDI systems, 3rd party virtual machines, and remote ClearCube Blade PCs. CD9624 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards.

Rugged, Durable Enclosure

Designed to tolerate rough use, CD9624's metal chassis is durable and oriented for CAC/SIPR card insertion. All ClearCube Desktop Zero Clients are fully TAA-compliant.

In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD9622/24 can broker a connection to both SmartVDI and Blade PC resources using VMware View. Dedicated 1:1 users can take advantage of hardware accelerated PCoIP chips in ClearCube's Blade PCs to support legacy, mission-critical, and/or GPU-intensive applications.

AES-128/AES-256 Suite B Ciphers, USB 2.0 devices, and full power management with Wake-on-LAN support are supported by CD9622/24's TERA2321 chip. A reset/power button located on the CD9622/24 Zero Clients can be selectively configured to allow or disallow users to power down or reset the connected Blade PC without administrator assistance. A separate LED link light indicates when the unit has an active connection to a PC blade or VMware View host.

Full PC Experience over IP

CD9622/24 Zero Clients work with existing Ethernet networks and can be deployed using totally secure point-to-point connections to make it impossible for desktop-displayed data to commingle with any other network traffic.

CD9622 / 24 Series Zero Client Benefits

Delivers full desktop quality computing experience via an IP connection to Blade PCs or VMware View based hosts

Up to five times the VDI pixel performance over the previous generation zero client

Faster USB 2.0 transfer rates

Dramatically reduces management costs and complexity

Centralizes PC resources in a single, secure location

Increases security of physical and data assets

Stronger AES256-bit encryption

Provides the ideal quick-deploy/redeploy solution

Provides all the benefits of a standard PC with no noise, less heat, and less space



High Performance, Optimal Quality

CD9622 Zero Clients deliver 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. Supported resolutions are 1x 2560x1600 or 2x 1920x1200.

Simple Installation, Secure Hardware

CD9622 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. Advanced configuration options using Port Authority allow specific policy-based management of USB devices including enabling/disabling entire classes of mass storage devices.

Specifications

Copper CD9622 Zero Client Specifications	
Chipset	Teradici TERA2321 PCoIP™
Operating System	None
Display	Single: 2560x1600@60Hz, Color Depth: 8, 15, 16 or 24bpp Dual: 1920x1200@60Hz, Color Depth: 8, 15, 16 or 24bpp
Memory	32-bit 667Mhz DDR3 RAM (512 MB)
Connections	4 - USB 2.0 Compatible ports
Audio	Dual single-link DVI-D/DVI-I ports HD Audio Out and Audio In Composite Audio 1/8-inch mini jack One Line out / speaker 1/8-inch mini jack
Network	10/100/1000 Base-T Gigabit Ethernet Power connection for auto-sensing power adapter
Power Supply	Universal 100-240 VAC, 50-60Hz Output: 12 V DC, 3A
Max Consumption	15 Watts (Avg 6W)
Dimensions	Approximately 2 inches x 8.5 inches x 5.3 inches (5 cm x 21.5 cm x 13.5 cm)
Shipping Weight	4.3 pounds (1.95 kg)
Environment	Stationary office installation, 0° to 35° C



CD9624 Zero Client *(same as above except the following)*

Connections	3 - USB 2.0 Compatible ports
Security	Integrated smart card reader Kensington® Security Slot for use with Kensington locks

Ordering Information

Use the following part numbers to order CD9622 / 9624.

Model CD9622 / 24 Zero Client Ordering Information

Zero Client	Part Number	Part Description
Zero Client CD9622	G0900229	Model CD9622 Zero Client, Dual Display Fiber
Zero Client CD9624	G0900230	Model CD9624 Zero Client, Dual Display Fiber, w/card reader

Next-Gen Quad Copper Zero Clients

PCoIP® TERA2140 Model CD9642 / 9644

Zero Clients for Centralized and Virtualized Computing



ClearCube® delivers high performance and robust security in a new PCoIP TERA2 computing solution unhindered by distance. With quad-displays and full-performance video, Cloud Desktop 9642 (CD9642) connects to VMware® virtual desktops on SmartVDI systems, 3rd party virtual machines, and remote ClearCube Blade PCs. CD9644 integrates a PKI-approved CAC/SIPRnet token reader that supports 5v, 3v, and 1.8v smart cards.

Rugged, Durable Enclosure

Designed to tolerate rough use, CD9642's metal chassis is durable and oriented for CAC/SIPR card insertion. All ClearCube Desktop Zero Clients are fully TAA-compliant.

In ClearCube Centralized and Virtualized Desktop Infrastructures (CVDI), CD9642/44 can broker a connection to both SmartVDI and Blade PC resources using VMware View. Dedicated 1:1 users can take advantage of hardware accelerated PCoIP chips in ClearCube's Blade PCs to support legacy, mission-critical, and/or GPU-intensive applications.

AES-128/AES-256 Suite B Ciphers, USB 2.0 devices, and full power management with Wake-on-LAN support are supported by CD9642/44's TERA2140 chip. A reset/power button located on the CD9642/44 Zero Clients can be selectively configured to allow or disallow users to power down or reset the connected Blade PC without administrator assistance. A separate LED link light indicates when the unit has an active connection to a PC blade or VMware View host.

Full PC Experience over IP

CD9642/44 Zero Clients work with existing Ethernet networks and can be deployed using totally secure point-to-point connections to make it impossible for desktop-displayed data to commingle with any other network traffic.

CD9642 / 44 Series Zero Client Benefits

Delivers full desktop quality computing experience via an IP connection to Blade PCs or VMware View based hosts

Up to five times the VDI pixel performance over the previous generation zero client

Faster USB 2.0 transfer rates

Dramatically reduces management costs and complexity

Centralizes PC resources in a single, secure location

Increases security of physical and data assets

Stronger AES256-bit encryption

Provides the ideal quick-deploy/redeploy solution

Provides all the benefits of a standard PC with no noise, less heat, and less space



High Performance, Optimal Quality

CD9642 Zero Clients deliver simultaneous full screen, full motion video at high resolution on two or four monitors. Each monitor is independently configurable for both resolution and choice of portrait or landscape orientation. Supported resolutions are 2x 2560x1600 or 4x 1920x1200.

Simple Installation, Secure Hardware

CD9642 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. Advanced configuration options using Port Authority allow specific policy-based management of USB devices including enabling/disabling entire classes of mass storage devices.



Specifications

Copper CD9642 Zero Client Specifications

Chipset	Teradici TERA2140 PCoIP™
Operating System	None
Display	Dual: 2560x1600@60Hz, Color Depth: 8, 15, 16 or 24bpp Quad: 1920x1200@60Hz, Color Depth: 8, 15, 16 or 24bpp
Memory	32-bit 667Mhz DDR3 RAM (512 MB)
Connections	4 - USB 2.0 Compatible ports Quad single-link DVI-D/DVI-I ports
Audio	HD Audio Out and Audio In Composite Audio 1/8-inch mini jack One Line out / speaker 1/8-inch mini jack
Network	10/100/1000 Base-T Gigabit Ethernet Power connection for auto-sensing power adapter
Power Supply	Universal 100-240 VAC, 50-60Hz Output: 12 V DC, 3A
Max Consumption	24 Watts (Avg 12W)
Dimensions	Approximately 2 inches x 8.5 inches x 5.3 inches (5 cm x 21.5 cm x 13.5 cm)
Shipping Weight	4.8 pounds (2.18 kg)
Environment	Stationary office installation, 0° to 35° C

CD9644 Zero Client *(same as above except the following)*

Connections	3 - USB 2.0 Compatible ports
Security	Integrated smart card reader Kensington® Security Slot for use with Kensington locks

Ordering Information

Use the following part numbers to order CD9642 / 9644.

Model CD9642 / 44 Zero Client Ordering Information

Zero Client	Part Number	Part Description
Zero Client CD9642	G0900231	Model CD9642 Zero Client, Quad Display Fiber
Zero Client CD9644	G0900232	Model CD9644 Zero Client, Quad Display Fiber, w/card reader