DXZC Series

PCoIP zero client

Benefits and Features

Key Features

- Compact, secure PCoIP (PC over IP) zero client
- Supports high-resolution displays: dual video up to 1920x1200, or single video up to 3840x2160
- Exceptional performance including real-time video and demanding 3D graphics
- Connect to virtual or cloud managed desktops; or to physical/virtual workstations that can be local, across country, or on another continent

Network connection

- Supports a 10/100/1000 network connection. SFP modules for copper/fiber optic

Easy configuration and maintenance

- Compatible with all major OSs - plug and play
- Use with hardware/software-based PCoIP hosts. Hardware hosts support Wake-on-LAN
- Power-cycle remote computers from zero client

Security

- Only display pixels are sent to the client so no sensitive data ever reaches the client
- Zero Clients have no X86-processor, no Windows or Linux client OS, no client GPU and no local storage which eliminates exploits common with other client endpoints
- Extensive security features including support for 256-bit AES encryption, NSA Suite-B ciphers, smart card, proximity card and SIPR tokens

Additional models

- Card-reader models support CAC, PIV cards and SIPRNet tokens. Extended USB model has eight USB ports including two USB-IF compliant

Compact secure zero client to connect anytime, anywhere

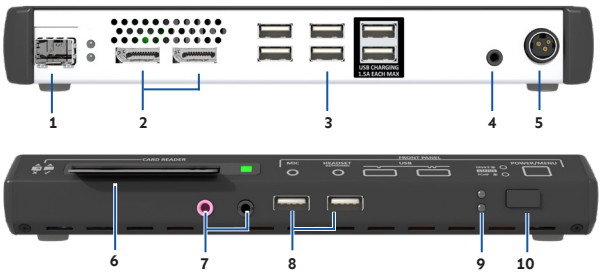
Amulet Hotkey's DXZC series are a range of Tera2 PCoIP® zero clients. The DXZC provides full duplex stereo audio, dual DisplayPort video outputs and USB ports in a compact tough case. They are built to high standards and ideal for mission critical applications.

Where secure, uncompromised performance and pristine graphics for remote desktop applications are paramount, the DXZC provides the best solution.

The DXZC zero client decodes encrypted pixel data sent from a remote PCoIP host with the highest levels of security and manages local USB devices. It has multi-colour status LEDs and a single switch that controls power and on-screen configuration. It also has a very low noise and heat signature.

Available in the following models

- **-M:** have a network port that accept a fiber or copper SFP module.
- **-E:** have eight USB 2.0 ports for connecting a wide array of devices. Two of the ports are compliant with USB-IF Battery Charging Specification BC1.2, providing up to 1.5A/port.
- **-C:** have a card reader that supports CAC and SIPRNet tokens, ISO 7816 & EMV 2000 Level 1. Compatible with 5V, 3V and 1.8V smart cards.
- **TEMPEST:** Approved to NATO SDIP-27 Level A and Level B by our TEMPEST-certified CESG and NATO partners, are available on special request.



1 Network port. **2** DisplayPort connectors. **3** USB ports (two for high charge-current devices). **4** Line-level audio output. **5** DC power inlet. **6** Card reader. **7** Mic and headset sockets. **8** Easy access USB. **9** LED indicators. **10** Power/Menu switch.

Work from anywhere

DXZC zero cients support any user type from mainstream office desktops, to the most de-manding 3D performance workstations. Connection options include virtual desktops, Cloud Managed Desktops, or remote physical & virtual workstations for demanding users. Zero clients decode pixels making them simpler and more secure than traditional solutions.

In partnership with

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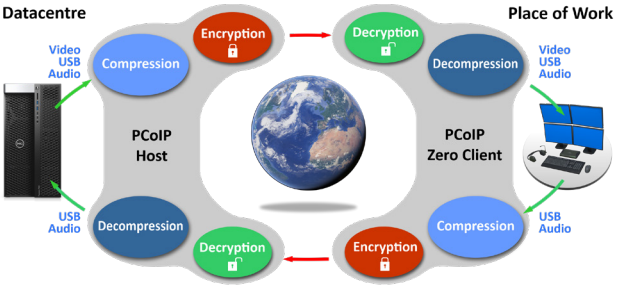
teradici PCoIP

How it works

Implemented in hardware (or in software using VMware Horizon or Amazon Workspaces) the PCoIP host encodes USB, audio and video from the host and encrypts the data for transmission across an IP network to the zero client. The zero client decrypts and decompresses the data, without loss, before sending it to the audio and video peripherals. Keyboard, mouse movement and microphone signals are sent back to the host using the same process. For the user, the host looks and feels like it is at their desk.



Model Feature Chart

Product	Connection		Card-reader (CAC)	USB ports
	RJ45	SFP		
DXZC	✓			4
DXZC-M		✓		4
DXZC-C	✓		✓	3
DXZC-MC		✓	✓	3
DXZC-E	✓	-	-	8
DXZC-EM	-	✓	-	8
DXZC-EC	✓	-	✓	8
DXZC-EMC	-	✓	✓	8

Specifications

Processor (Memory)	Teradici Tera2321 PCoIP processor (512MB DDR3 RAM)
Video output	2 x DisplayPort connectors (dual mode)
Display support (dual)	Two monitors up to 1920 x 1200 maximum @ 60 Hz
Display support (single)	One 3840 x 2160 maximum with AHK KVM Extender Host @ 30 Hz
Audio connections Audio Range	Stereo headset/headphones, stereo line out, stereo mic. All 3.5mm jacks **Output:** 0Hz to 21.6kHz (48kHz sampling); 0Hz to 19.846kHz (44.1kHz). **Input:** 10Hz to 21.6kHz (48kHz sampling); 10Hz to 19.846kHz (44.1kHz).
Network connections	**Standard:** Single RJ45: 10/100/1000BaseT **-M models:** Single SFP module: Fiber or copper; 1 Gbit/s or 100 Mbit/s. Available modules are listed in the *SFP Modules Datasheet*
Case	Robust enclosure (passive cooling). Optional under desk fixing bracket available
Power consumption	**DXZC:** Less than 9W excluding USB peripherals **DXZC-M/DXZC-AM:** Less than 11W excluding USB peripherals
Temperature range	**Operating:** 15° to 40° C (59° to 104° F): **Storage:** -10° to 60° C (14° to 140° F)
Size mm (in)	**Standard:** 34x176x133 (1.3x6.9x5.2), **'C & E' models:** 34x230x133 (1.3x9.1x5.2)
Weight kg (lbs)	**Standard:** 0.6 (1.4), **'C' models:** 0.8 (1.8), **'E' models:** 0.75 (1.7)
Security	Strong encryption and authentication including 256-bit AES and NSA Suite-B ciphers. 2 factor authentication options including CAC/PIV cards, smart cards, prox-cards, e-tokens, SIPR tokens. IEEE 802.1X network authentication. Unique USB lock-down control. Kensington Lock slot
Compliance	TAA compliant. Conforms to relevant parts of EN55024, EN55022 and FCC Part 15. TEMPEST versions of the DXZC are available, approved to NATO SDIP-27 Level A and Level B by our TEMPEST-certified CESG and NATO partners
Integral card reader	
Security	SIPRNet hardware token and CAC smart card support
Standards	ISO 7816, EMV 2000 Level 1, GSA FIPS 201 approved product list
Protocols	T=0, T=1; 2-wire: SLE 4432/42 (S=10); 3-wire: SLE 4418/28 (S=9); I^2C (S=8)
Card types	Support for 5V, 3V and 1.8V smart cards; ISO 7816 Class A, B and C
Smart card detection	Movement detection with auto power-off; automatic detection of smart card type; short circuit and thermal protection; 100,000 insertions.
Supported APIs	PC/SC driver (ready for 2.01); CT-API (on top of PC/SC); synchronous-API (on top of PC/SC); OCF (on top of PC/SC)

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TAA Compliant

AMULET HOTKEY ProCare support services

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