



AMULET HOTKEY

DXZC-A, DXZC-AM

PCoIP Zero Clients

Datasheet

The Amulet Hotkey DXZC-A and DXZC-AM are compact, CPA Certified, TERA2 PCoIP® Zero Clients. Built to the highest standards, the DXZC-A/AM support two video heads in a compact, tough case that is ideal for demanding environments.

Designed from the ground up for business and mission critical applications, the DXZC-A Zero Client provides a secure connection to a remote datacentre while providing an exceptional user experience.

With a very low heat signature and power requirements, the DXZC can replace powerful desktop workstations without degrading performance in any way. It supports two high-resolution monitors and a wide range of USB peripherals.

Amulet Hotkey Zero Clients are the only clients certified by the CESG and are an ideal solution for remote computing where compromise is not an option.

UK Government Security Certification

The DXZC-A/AM zero clients have been certified as secure by CESG, the National Technical Authority for Information Assurance within the UK. The CESG assists Government Departments with cyber security and have certified and approved the DXZC-A/AM for use at the 'OFFICIAL' level within Government and public sector organizations.



DXZC-A rear view. 1 RJ45 network port. 2 Dual DisplayPort connectors. 3 Dual USB ports. 4 Feature connector. 5 Line level audio output. 6 DC power inlet.

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Key features

- CPA and NATO certified secure PCoIP zero client
- Supports high-resolution displays with dual video up to 1920 x 1200 or single video up to 3440 x 1440
- Exceptional performance including real-time video and demanding 3D graphics
- Connect to virtual desktops, cloud managed desktops or for the most demanding graphics, connect to remote physical or virtual workstations
- Easy to configure and manage

Network connection

- Supports network interface options for RJ45 (DXZC-A) for copper and SFP module (DXZC-AM) for copper or fiber optic cabling
- Remote connections can be local, across country, or continent-to-continent

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, SIPR tokens and much more

Certified Product



Foundation
RDT5722298

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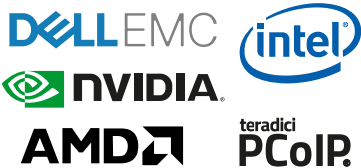
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DXZC-AM with SFP module



In partnership with...



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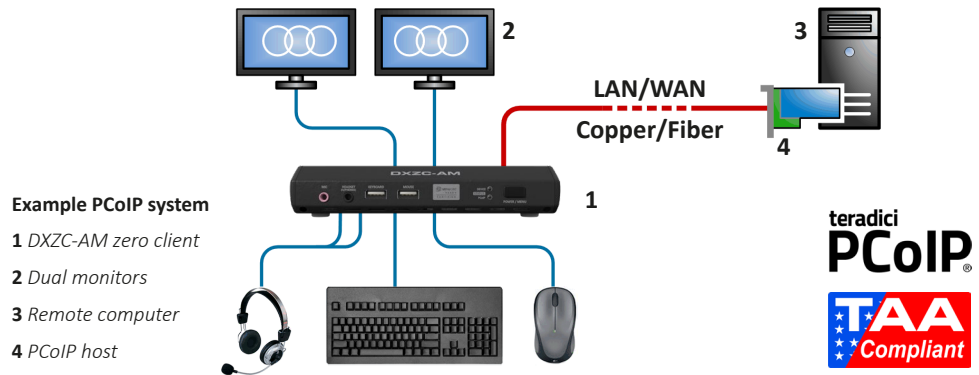
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About PCoIP systems

PCoIP systems are fully secure and build to a lossless image, making them ideal for the most demanding of applications. Amulet Hotkey PCoIP zero clients are desktop devices that connect to a remotely located 'host' using the PCoIP protocol. They support any user type from mainstream office desktops for task workers to the most demanding 3D performance workstations. They must be paired with a 'PCoIP host' device located in or near the remote computer. Connection options include virtual desktops such as VMware Horizon, Cloud Managed Desktops such as Amazon Web Services Workspaces, or remote physical or virtual workstations for demanding users.

PCoIP hosts can be implemented in hardware (as shown here) or in software, using VMware Horizon or Amazon Workspaces. The PCoIP host encodes USB, audio and video from the host, compresses and encrypts the data for transmission across standard IP networks to the zero client.

The zero client then decrypts and decompresses the data, and delivers it to the desktop monitors and peripherals (such as keyboard, mouse, speakers or headset). The zero client also passes user-generated USB and audio data to the PCoIP host. The result for the user is that the desktop looks and feels like it is at their desk. Because zero clients simply decode pixels to display images, they are simpler and more secure than a traditional PC and other thin client solutions.



Processor	Teradici Tera2321 PCoIP processor
Memory	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 2560 x 1600 maximum with AHK KVM Extender Host @ 60 Hz, or; One 3440 x 1440 maximum with VMware Horizon virtual workstations @ 60 Hz
Audio connections	Stereo headset/headphones, stereo line out, stereo mic. All 3.5mm jacks
USB connections	4 x USB 2.0
Network connections	DXZC-A: RJ45 10/100/1000 DXZC-AM: SFP slot for 100Mbit/s or 1Gbit/s fiber or copper module
Cooling	Passive
Case	Robust enclosure
Power consumption	Less than 11W excluding USB peripherals
Power supply	100v to 240v
Temperature range	Operating: 15° to 40° C (59° to 104° F). Storage: -10° to 60° C (14° to 140° F)
Size (H x W x D)	30 x 176 x 133 mm (1.2 x 6.9 x 5.2"). Weight: 0.6 kg (1.4 lbs)
Security	Strong encryption and authentication with 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 lockdown control. Kensington Lock slot
Compliance	CPA Certified. TAA compliant Conforms to relevant parts of EN55024, EN55022 and FCC Part 15

CESG Certification: The UK Government has certified the DXZC-A & DXZC-AM running firmware 4.8.0 (or newer) as secure for Remote Desktop Security Characteristic version 1.0 at Foundation Grade. CESG certificate number: RDT5722298.