



Preliminary Datasheet

Certified Product



Foundation
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teradici
PCoIP®

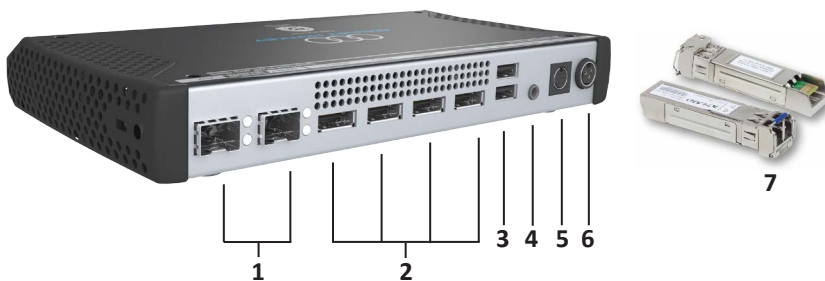
DXZ4-AM

CPA Certified Zero Client

The Amulet Hotkey DXZ4-AM is a CPA Certified quad video head TERA2 PCoIP® Zero Client. Designed to provide class leading, long-term performance in the most demanding of applications, the DXZ4-AM provides a wealth of unique and advanced features not found in other remote computing solutions.

When connected to a remote PCoIP host, the DXZ4-AM provides quad video head, pixel perfect performance at the desktop, a very low noise and heat signature, and connection points for the widest range of USB and audio peripherals. Dual redundant network ports (fibre or copper), locking power sockets and a configurable control panel enhance resilience where it is needed most.

Amulet Hotkey CPA Certified Zero Clients are the only safe and secure solution for remote computing in mission critical applications where compromise is not an option.



DXZ4-AM rear view. 1 Network connections. 2 DisplayPort sockets. 3 USB ports. 4 Audio socket. 5 DC inlet. 6 Feature connector. 7 SFP modules.

Key features

- Tera2140 second generation PCoIP processor
- Quad video head support using DisplayPort connectors
- Display resolution up to 2560 x 1600 for dual monitors
- Full duplex stereo audio links
- 4 x USB 2.0 sockets- incl. keyboard & mouse

Network connections

- Dual copper or fibre SFP modules
Note: Dual redundant network connections require Spanning Tree Protocol (STP)

Easy configuration and maintenance

- Compatible with all major OSs. No drivers or software required- simply plug and play
- Flash programmable over Ethernet
- Hardware PCoIP hosts support Wake on LAN controlled from Zero Client
- Power-cycle remote computers from Zero Client (may need custom RPC cable setup)

Security

- CPA Certified
- SIPR hardware token support
- Imprivata OneSign® No Click Access®
- 802.1X network authentication
- AES-128 / 256 bit encryption
- Kensington Lock® compatible

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Towards greener computing

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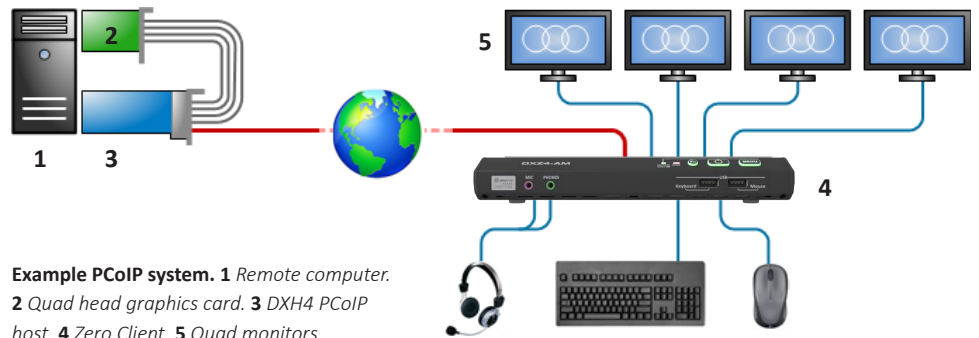
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About PCoIP systems

PCoIP systems are fully secure and always build video to a lossless image. Amulet Hotkey PCoIP Zero Clients are desktop devices that connect to a remotely located computer using the PCoIP protocol. They must be paired with a PCoIP host device located in or near the remote computer.

The PCoIP host can be implemented in hardware (such as the Amulet Hotkey DXH4, shown below) or in software, using VMware View. The PCoIP host takes USB, audio and digital video output from the computer, compresses and encrypts the data, then transmits it across a standard IP connection to the Zero Client.

The Zero Client decrypts and decompresses the data, and delivers it to the desktop monitors and peripherals (keyboard, mouse, speakers or headset). The Zero Client also passes user-generated USB and audio data back to the PCoIP host. Because Zero Clients only decode pixels to display images, they can be far simpler and more secure than a traditional PC and other thin client solutions.



Example PCoIP system. 1 Remote computer. 2 Quad head graphics card. 3 DXH4 PCoIP host. 4 Zero Client. 5 Quad monitors.

Core technology	Teradici TERA2 PCoIP (2140 chipset)
Power consumption	Less than 12W nominal (excluding USB devices)
Memory	512MB DDR3 RAM
Video output	4 x DisplayPort connectors (dual mode)
Display support	1920 x 1200 maximum (quad monitors) @ 60 Hz 2560 x 1600 maximum (dual monitors) @ 60 Hz
Audio connections	Stereo headset/headphones, stereo line out, stereo mic. All 3.5mm jacks
USB connections	4 x USB 2.0 Type A, including keyboard and mouse ports Note: <i>USB 2.0 devices are supported, but not in high speed mode</i>
Network connections	Dual redundant SFP modules, fiber or copper, up to 1 Gbit/s <i>Full duplex required</i>
VDI	Compatible with VMware® Horizon View™
Flash programmable	Via Ethernet
Cooling	Passive
Case	Robust enclosure
Temperature range	Operating: 15° to 35° C (59° to 95° F) Storage: -10° to 60° C (15° to 145° F)
Size (H x W x D)	34 x 230 x 130 mm (1.3 x 9.1 x 5.1")
Security	802.1X network authentication; AES256 bit encryption; SIPR hardware token support
Compliance	Conforms to relevant parts of EN55024, EN55022 and FCC Part 15. CPA Certified