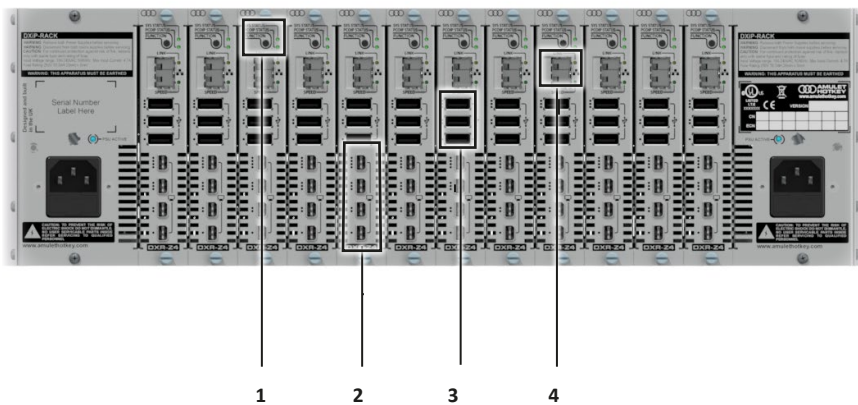


The Amulet Hotkey DXR-Z4 is a rack-mounted zero client with quad video head and based on the Tera2 PCoIP® chipset. Designed to provide class leading, long-term performance in the most demanding of applications, the DXR-Z4 provides a wealth of unique and advanced features not found in other remote computing solutions.

When connected to a remote PCoIP host, such as the Amulet Hotkey range of DXM blade workstations, the DXR-Z4 provides quad video head, pixel-perfect performance and connection points for a wide range of USB and audio peripherals.

You can install up to 12 DXR-Z4 cards in a DXiP rack. The 3U rack features a simple card eject system, dual redundant power supplies, PSU status LEDs and audible power failure alarms. The SFP network connections are at the rear of the rack.

The DXR-Z4 series is a unique, high-density solution for secure, remote computing in mission critical applications where compromise is not an option.



DXR-Z4 rear view. Shows 12 DXR-Z4 cards in a DXiP rack. **1** PCoIP status LEDs and function switch. **2** Mini DisplayPort sockets. **3** USB ports. **4** Network connection and Link status LEDs .

Key features

- High-density secure PCoIP zero client rack for display walls, supporting up to 48 displays across 12 clients per 3U rack
- Supports high-resolution displays with quad display up to 1920x1200, or dual display up to 3440x1440 per DXR-Z4 zero client card
- Exceptional performance including real-time video and demanding 3D graphics
- Connect to virtual desktops, managed cloud desktops, and remote physical or virtual workstations
- Remote connections to each DXR-Z4 card can be local, across the country or continent-to-continent
- Ideal client for secure command & control centers, corporate display walls and trade-show/concert event video walls
- Easy to configure and manage
- Robust design for long-term performance in demanding environments. Easy configuration and maintenance

Security

- Only display pixels sent to the zero client card so no sensitive data ever reaches the client
- No X86-processor, no Windows or Linux client OS and no local storage
- No client GPU - eliminates client display rendering, DirectX and ActiveX exploit risks
- Extensive security features including support for 256-bit AES encryption, NSA Suite B ciphers, smart card, proximity card, SIPR tokens and much more

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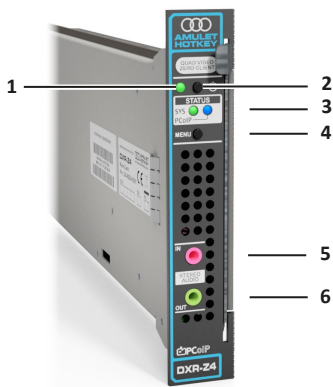
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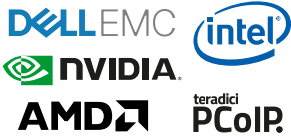
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DXR-Z4 front view. 1 Power indicator. 2 Power button. 3 Status LEDs. 4 Menu and ID button 5 Stereo Mic. 6 Stereo out.



In partnership with...



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Datasheet DS-RZR4-0001 v1.3 April 2018

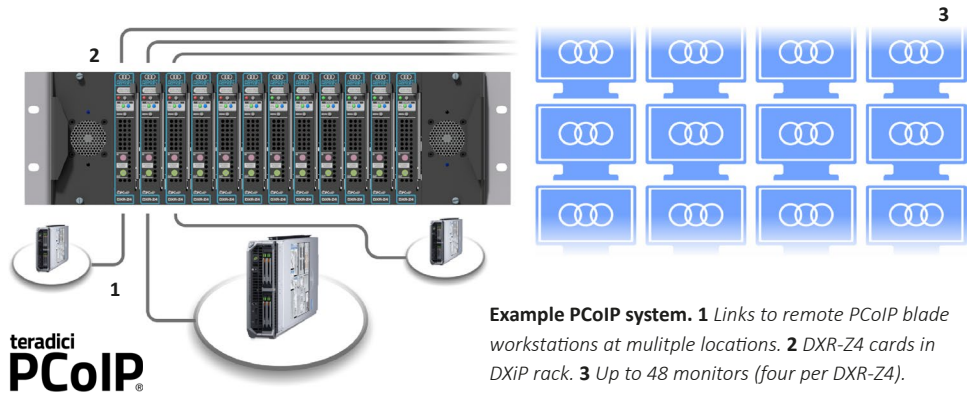
www.amulethotkey.com

Getting Connected

DXR-Z4 zero clients support any desktop performance requirements, from office desktops to the most demanding 3D performance workstations. 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.

The PCoIP host can be implemented in hardware (as shown here) or in software, by using VMware Horizon or Amazon Workspaces. The PCoIP host encodes USB, audio and video from the host and then 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.



Example PCoIP system. 1 Links to remote PCoIP blade workstations at multiple locations. 2 DXR-Z4 cards in DXiP rack. 3 Up to 48 monitors (four per DXR-Z4).

DXR-Z4 zero client rack cards

Core technology	Teradici 2140
Power consumption	Less than 12W nominal per DXR-Z4
Memory	512MB DDR3 RAM
Video output	4 x Mini DisplayPort connectors (dual mode)
Display support	1920 x 1200 maximum (quad monitors) @ 60 Hz 3440 x 1440 maximum (dual monitors) @ 60 Hz VMware Horizon virtual desktops 2560 x 1600 maximum (dual monitors) @ 60 Hz Amulet Hotkey KVM Extenders
Audio connections	Stereo line out, stereo mic. 3.5mm jacks
USB connections	3 x USB 2.0 (rear ports)
Network connections	SFP slot for 100Mbit/s or 1Gbit/s copper or fibre modules
Flash programmable	Via Ethernet
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 lockdown control.
Compliance	Conforms to relevant parts of EN55024, EN55022 and FCC Part 15.

DXiP rack (3U)

Power supply	2 x 22V 350W
Input voltage	100-240 VAC, 50/60Hz (TBC)
Size (H x W x D)	133 x 483 x 344 mm (5.2 x 19.0 x 13.5")
Weight	Rack and 1 PSU 6 kg (13.2 lb). Fully populated 13.2 kg (29.1 lb)