

# DXP4™

## Remote Workstation Card

### Benefits and Features

#### Key Features

- Remote access solution combines a GPU and PCoIP remote workstation card into a single compact card
- Integrated professional graphics using NVIDIA GPUs
- Dual, quad or octal displays
- Performance for the most demanding professionals
- Hardware for rapid low-latency encoding
- Workstation BIOS/power control from the zero client on compatible machines
- Connect to the workstation using secure Amulet Hotkey zero clients or software clients for mobile access
- Extender card accessory allows external network access with internal-only PCIe installations
- Passive thermal solution for workstations, PCs & rack servers that have internal cooling.

#### Network Connection

- Choose an RJ45 port (DXP4) or an SFP module (DXP4-M)
- SFP modules are available separately
- Local, across country or continent-to-continent

#### Key Feature

- Only display pixels are sent to the client
- Network interface for PCoIP remote display traffic only. Cannot be accessed from the host workstation
- Extensive security features such as 256-bit AES encryption and NSA Suite B ciphers

### High-performance and secure remote access for any PC or workstation

The Amulet Hotkey DXP4 is a quad-display, remote workstation PCIe graphics card that combines two cards into the space of one: Professional Graphics and PCoIP Remote Workstation.

Whether enabling remote access to a desk-side workstation, or centralizing the workstation in a secure datacenter, the DXP4 supports flexible workstyles. Working from home, on the road, or securely accessing global talent.

Professionals connect to their workstation using an Amulet Hotkey zero client or mobile device from across the office, country, or from continent-to-continent.

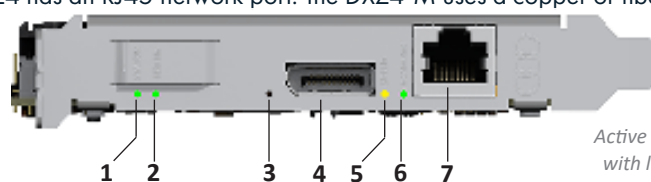
To support a range of workstation users and applications, the DXP4 provides professional graphics options with NVIDIA professional GPUs. Combined with the Teradici Tera2 PCoIP processor, this delivers an exceptional experience for the most demanding users.

### Benefits of the DXP4

- **Flexibility:** supporting flexible workflows and mobile workstyles.
- **Unique security:** including a separate protocol-only port for workstation access, hardware USB lockdown and NSA Suite B ciphers.
- **Enhanced productivity:** ensures that datasets stay within the datacenter to boost application performance and avoid the use of old data across teams.
- **Zero loading:** no load on the CPU/GPU for remote display protocol encoding.
- **Octal+ displays:** use multiple DXP4 cards to support 8-display configurations.
- **Save PCIe slots:** combining two PCIe cards into one allows for more cards.

### DXP4 and DXP4-M

The DXZ4 has an RJ45 network port. The DXZ4-M uses a copper or fiber [SFP module](#).



Active Thermal Solution  
with local DisplayPort

**1** Status LED. **2** Internal Fn LED. **3** Recessed button **4** DisplayPort (local monitor).  
**5** Network speed LED. **6** Network activity LED. **7** Network port.



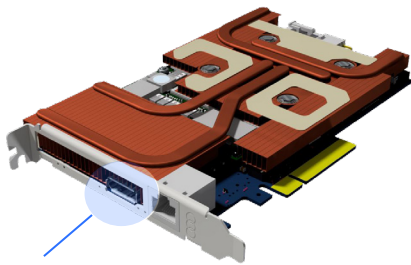


In partnership with

teradici  
**PCoIP**®



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Passive Thermal Solution



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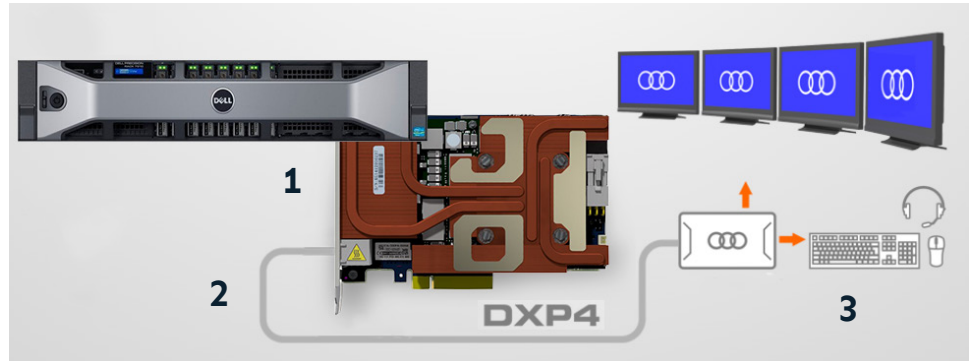
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**Example quad head PCoIP system**

A DXP4 card (1) on a host PC or server connects over a WAN (2) to a remote Amulet Hotkey zero client (3). At the desktop, the client decodes data sent from the DXP4 host delivering it to the monitors and peripherals.

**DXP4 Remote Workstation Graphics Card Options**

See the Amulet Hotkey Supported [GPU Datasheet](#) for the latest GPU options for the DXP4.

**Specifications**

Item	Description		
<b>PCoIP processor</b>	Teradici TERA 2240 PCoIP processor		
<b>Form factor</b>	Single slot PCIe full-height, half-length		
<b>Bus type</b>	PCIe x8 lane. Compatible with x8 to x16 slots, PCIe spec 1.0 or above		
<b>Card type</b>	Multi-function PCIe controller supporting Graphics, HD Audio, USB 2.0 OHCI and EHCI host controllers and HD audio		
<b>Memory</b>	512MB DDR3 with ECC		
<b>Local video output</b>	DisplayPort to connect a local monitor		
<b>Display</b>	<table border="1"> <tr> <td>Single DXP4 card: Up to Dual 2560x1600 Up to Quad 1920x1200</td> <td>Two DXP4 cards in a system: Up to Quad 2560x1600 Up to Octal 1920x1200</td> </tr> </table>	Single DXP4 card: Up to Dual 2560x1600 Up to Quad 1920x1200	Two DXP4 cards in a system: Up to Quad 2560x1600 Up to Octal 1920x1200
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<b>Audio</b>	16-bit stereo audio, 48KHz sampling rate. Standard Windows/LINUX drivers		
<b>Network</b>	DXP4: RJ45 10/100/1000 DXP4-M: SFP slot for 100Mbit/s or 1Gbit/s copper or fibre modules		
<b>Encryption</b>	256-bit or 128-bit AES, NSA Suite B Ciphers		
<b>Connection broker</b>	Supports direct connect and brokers such as Leostream and VMware Horizon		
<b>Client compatibility</b>	PCoIP Zero Clients. Hardware for performance, software clients for mobility		
<b>Power consumption</b>	Max 20W plus GPU consumption		
<b>Temperature range</b>	Operating (PC internal ambient temp): 15° to 35°C (59° to 95°F) Storage: -10°C to 60°C (14° to 140°F)		
<b>Weight</b>	350 g		
<b>Dimensions (w x l x h)</b>	124 x 183 x 22 (mm) : 4.89 x 7.21 x 0.87 (in)		
<b>Compliance</b>	Conforms to relevant parts of RoHS, REACH, EN55032, EN55035 and FCC Part 15		



AMULET HOTKEY