DXZ160-R Trusted Zero Client

IP-rated, rugged client for a reliable connection from any environment

Benefits and Features

Ready for Zero Trust

- Designed for HP Trusted Zero Client architecture
- Meets key Zero Trust device requirements
- Continuous real-time authentication with Anyware Trust Center
- Centrally managed settings, polices and firmware updates

Rugged and Reliable

- All-metal enclosure for resistance to physical damage and impact
- IP 5X rated for protection against gravel, dust and small insects
- Individual rear port covers to protect ports not currently required
- Front port cover to allow temporary use and quick re-seal

Connects to anything

- Four display outputs supporting 4k (3840x2160) at 60fps
- Dual network interfaces for connection to copper or fiber infrastructure
- AMD V1605B Quad core embedded CPU
- Remote Desktop connections using PCoIP, PCoIP Ultra and Blast
- Continuously adapts to changing network conditions

High Performance in harsh environments

Ready for rapid deployment in a range of environments, DXZ160-R offers protection against damage from impact and crushing with sturdy and durable all-metal construction. Internal sealing gaskets combined with the supplied port covers for unused interfaces provides the client with IP5X level protection against small objects entering the casework, whether the environment brings risk of sand, dust, dirt or small insects.

DXZ160-R is designed for passive cooling in ambient temperatures up to 40°C without the use of fans or specific cooling channels. The large exposed heatsinks enable the client to dissipate heat effectively in any orientation and is resilient to partial coverage or limited air movement.
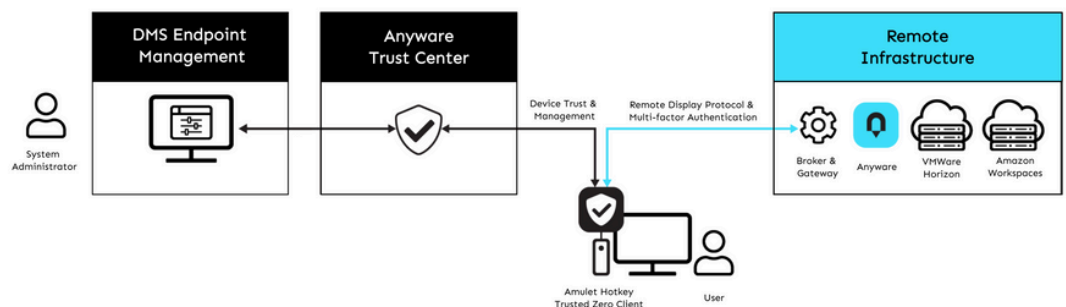
Equipped with a quad core AMD V1605B Embedded processor and Vega 8 GPU, the rugged client provides great performance for a wide range of workloads with high motion content over multiple displays.

An evolution of Zero Client

Building on the proven deployment history of Amulet Hotkey DXZC and DXZ4 Zero Clients into secure applications, Trusted Zero Client incorporates modern security practices whilst maintaining the same focused and simple user experience. DXZ160-R easily fits into Zero Trust security architectures with the use of centrally-managed users, multi-factor authentication and centralised device management built around HP Anyware Trust Center. Using the Amulet Hotkey DMS tool for client management, it is simple to ensure all clients are up to date with firmware deployment, configuration and security policies.

Each Amulet Hotkey Trusted Zero Client is granted a unique, immutable birth certificate at manufacture to uniquely identify with the Trust Center and enable continuous real-time authentication during use.

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Specifications

Form Factor	Rugged Client - Vertical or Horizontal orientation with rubber feet. Ingress Protection 5X rated (protection against fine dust) when using port covers on unused IO connectors.
Processor	AMD V1605B embedded quad core CPU with integrated Vega 8 GPU
Firmware	HP Trusted Zero Client version 24.03 and later
Cooling	Passive air cooled, fanless design with external heatsinks
Mounting options	100mm VESA on optional mounting bracket.
Dual Network connections	Copper RJ45 10/100/1000 Mbit/s Optional SFP module supporting 1000Mbit/s LR and SR Fibre and copper
TPM 2.0 compliant	TCG-certified Discrete hardware TPM
Operating Conditions	0°C to 40°C (32°F to 104°F) ambient temperature
Power	Universal 120W AC power with external PSU
Security	Zero Trust ready with Two factor authentication and continuous real-time device authentication. IEEE 802.1X network authentication. Cable lock slot
USB connections	Front - Four USB-A 3.0 Rear - Two USB-A 2.0
Memory and storage	8GB DDR4 RAM 32GB solder-down eMMC storage for Trusted Zero Client firmware
Dimensions	56mm (2.2in) wide, 178mm (7.0in) deep, 192mm (7.6in) high
Compliance	TAA Compliant EMC: EN55032 and EN55035 Safety: UL62368-1 and IEC62368-1 UL Listed

DXZ160-R Datasheet - May 2024

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