

CyberTransporter 1280

Cross Domain Solution



The CyberTransporter 1280 is a value-optimised, compact data diode engineered for robust, high-assurance data transfer across isolated networks. Equipped with the most commonly required protocols, it delivers exceptional value while maintaining uncompromising security.

With a unidirectional throughput of up to 1 Gbps and file transfer rates exceeding 200 Mbps, it supports TCP, UDP, HTTP(S), SYSLOG, SNMP traps, SFTP, and FTP protocols. Designed for operational resilience, it features health monitoring, NTP synchronisation, and real-time alerts via SYSLOG, email, file, and SNMP traps. The integrated self-service portal streamlines configuration, while the stackable hardware design enables seamless integration with third-party solutions.

Housed in a space-efficient 1U chassis, now 40% more compact, the CyberTransporter 1280 prevents data leakage, malware injection, and eliminates back-channel exploits. It is ideal for defence, critical infrastructure, and secure enterprise applications, offering greater deployment flexibility in space-constrained environments without compromising performance.

KEY FEATURE



Unidirectional communication:
Secure, hardware-enforced one-way data transfer.



Extensive protocol support:
Versatile for data replication and application compatibility.



Built-in operational monitoring:
Real-time health monitoring with comprehensive alerts.



Self-service configuration:
Integrated management portal streamlines deployment and lifecycle management.



Compact, stackable design:
Space-efficient 1U form factor enables modular integration with third-party solutions.

Specifications

CyberTransporter 1280

Supports diverse network and data replication protocols

- TCP, UDP, SYSLOG, SNMP Traps, HTTP, HTTP(S), Probe Mode, Folders Mirroring (SMB, SAMBA), SFTP, FTP

Operational & Management

- Built-in Data Diode operational health monitoring.
- Can send SYSLOG, Email (SMTP), files & SNMP trap for alerts.
- NTP Synchronisation over Data Diode.
- Self-Service Configuration Portal.

Security Certification

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Height

- 4.40cm

Width

- 43.00cm

Depth

- 45.00cm

Weight

- 8.028KG

Power

- Up to 2 x 150W (redundant PSU)
AC 110 to 240V @ 50/60Hz (5A Max)

Memory

- 2 x 8GB RAM

Hard Disk

- 2 x 880GB

Production

- 2 x 1GbE (RJ-45) or 2 x 10GbE (SFP+) (Teamed network, per node)

Management

- 1 x 1 GbE (RJ-45) (per node)

Unidirectional Media Transfer Rate

- 10 Gbps

Throughput (Files Transfer)

- 200Mbps
- File size less than 10 KB: more than 200 files/sec
- No more than 1 file lost for every 5,000,000 files transferred.

Operating

- Temperature: 0 to 40°C
- Humidity: 10 to 95% RH

Storage

- Temperature: -20°C to +75°C
- Humidity: 10 to 95% RH

Export Control & Customs

- Harmonised System (HS) Code - 8517.62.61

MTBF

- 93,703 Hrs

Safety Certifications

- FCC, CE, UL+CB, BSMI, VCCI

Shipping Dimensions (Per Server)

- 23.6cm H x 57.0cm W x 83.8cm D

Weight

- 16.1KG



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www.stengg.com/cybersecurity
cybersecurity@stengg.com