

CyberTransporter 5000 series

Cross Domain Solution



The CyberTransporter 5000 series is the next-generation data diode, engineered to securely bridge isolated networks with military-grade assurance. Featuring patented SFP+ technology for high-performance, unidirectional communication and real-time file loss detection, it ensures secure and reliable data transfer while maintaining strict air-gap enforcement.

Certified to Common Criteria EAL 4+ by the Cyber Security Agency of Singapore (CSA), it prevents data leakage through hardware-enforced one-way communication. An integrated management portal streamlines deployment, operation, and maintenance, while the stackable hardware design enables seamless integration with third-party solutions.

Its modular form factor encapsulates all core functionalities, supporting secure file transfers, video streaming, VoIP, and cross-domain integrations. The CyberTransporter 5000 Series eliminates data leakage, blocks malware injection, and protects critical infrastructure without compromising efficiency.

KEY FEATURES



Information assurance by design

- Zero data leakage
- Certified to CC EAL 4+ by CSA.



Enhance performance with patented technology

- Patented SFP+ technology
- Built-in file loss detection



Ease of integration and customisation

- Integrated management portal streamlines lifecycle management
- Stackable design enables seamless third-party integration.

Specifications

CyberTransporter 5000 series

Model	5280	5282	5283	
Supports diverse network and data replication protocols.	TCP, UDP, SYSLOG, SNMP Traps, Probe Mode, Folders Mirroring (SMB, SAMBA), SFTP, FTP, HTTP, HTTP(S), SMTP, OPC UA, Kafka, MODBUS (RS232/TCP), IEC 104, MQTT, RTSP			
Operational & Management	○ Built-in health monitoring. ○ Supports alerts via SYSLOG, email (SMTP) and SNMP traps. ○ NTP Synchronisation over Data Diode. ○ Self-Service Configuration Portal.			
Security Certification	-	CC EAL 4+ certified by CSA Singapore		
Dimensions (Per Server)	• Height	4.40cm	4.40cm	4.40cm
	• Width	43.00cm	43.00cm	43.00cm
	• Depth	76.00cm	76.00cm	76.00cm
	• Weight	10.6kg	10.6kg	11.8kg
Power	○ Up to 2 x 300W (redundant PSU) ○ AC 110 to 240V @ 50/60Hz (5A Max)			
Memory	2 x 8GB RAM	2 x 8GB RAM	4 x 8GB RAM	
Hard Disk	2 x 880GB	2 x 1.8TB	4 x 1.8TB	
Network Interfaces	• 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	10Gbps	10Gbps	10 + 10Gbps	
Throughput (Files Transfer)	500Mbps	1Gbps	1 + 1Gbps	
	○ File size less than 10 KB: more than 200 files/sec ○ No more than 1 file lost for every 5,000,000 files transferred			
Environment	• Operating	○ Temperature: 0 to 40°C ○ Humidity: 10 to 95% RH		
	• Storage	○ Temperature: -20 to 70°C ○ Humidity: 10 to 95% RH		
Export Control and Customs	Harmonised System (HS) Code - 8517.62.61			
MTBF	114,218 Hrs	114,218 Hrs	62,936 Hrs	
Safety Certifications	FCC, CE, UL+CB, BSMI, VCCI			
Shipping Dimensions (Per Server)	• Height	16.00cm	16.00cm	16.00cm
	• Width	60.00cm	60.00cm	60.00cm
	• Depth	88.00cm	88.00cm	88.00cm
	• Weight	14.2kg	14.2kg	15.4kg

