

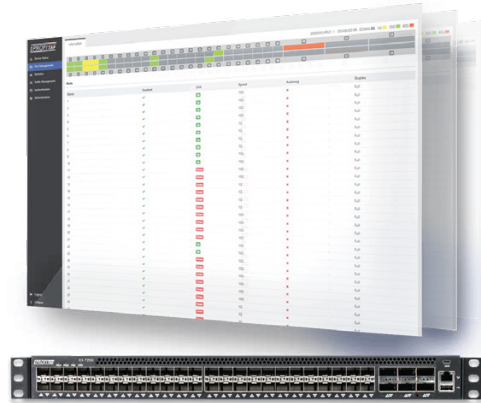
XX-720G

PROVIDES THE DATA THAT COUNTS FOR NETWORK MONITORING

AGGREGATION, REPLICATION, ADVANCED FILTERING, LOAD BALANCING

The Profitap XX-720G is a high-density Network Packet Broker, bringing you the power and flexibility of network traffic management with a total throughput of 720 Gbps in a single 19" rack unit.

The XX-720G features 48 SFP+ (1/10 Gbps) and 6 QSFP+ ports (40 Gbps) providing aggregation, replication, filtering and load balancing in very high bandwidth port monitoring and analysis scenarios.



KEY BENEFITS

- Optimize traffic and deliver actionable data to monitoring and security tools.
- Leverage existing infrastructure for a cost-effective increase in capabilities.
- High performance and throughput in a compact, high density footprint.
- Advanced integration with physical and virtual traffic access, analysis, and security systems.

KEY FEATURES



AGGREGATION

Aggregate two or more incoming streams of data into a single stream. Combine with the replication and filtering features to send different parts of the aggregated traffic to different output ports.



REPLICATION

Replicate a stream of data to multiple output ports. Combine with the aggregation and filtering features to send different parts of the aggregated traffic to different output ports.



FILTERING

Ensure optimum efficiency of monitoring, security tools, and bandwidth utilization by filtering traffic such that only appropriate data is sent to these network tools.



LOAD BALANCING

Distribute the traffic load between different output ports to optimize resource utilization.

USE CASES

- Balance traffic over multiple monitoring and security tools: allows incoming traffic to be distributed evenly and dynamically across multiple output ports.
- Aggregate multiple traffic streams into higher speed links.
- Replicate traffic to multiple monitoring and security tools: outputs copies of incoming traffic to multiple output ports.
- Filter specific parts of the traffic based on a wide array of allow and drop rules to ensure the appropriate traffic is sent to the appropriate tools.

HIGHLIGHTS

- Local and remote management (CLI, SSH, GUI, SNMP, Syslog)
 - RESTful API support
 - Layer 2–4 filtering
 - Flexible role-based management access
 - TACACS+ authentication
 - Centralized authentication via Profitap Supervisor (local users, TACACS+, RADIUS)
- Redundant, hot-swappable, Platinum efficiency PSUs and fan modules
 - High-density, 720Gbps throughput in a 1U footprint
 - Supports 1G, 10G, 40G
 - Supports 4 x 10G splits on 40G ports via fanout cables

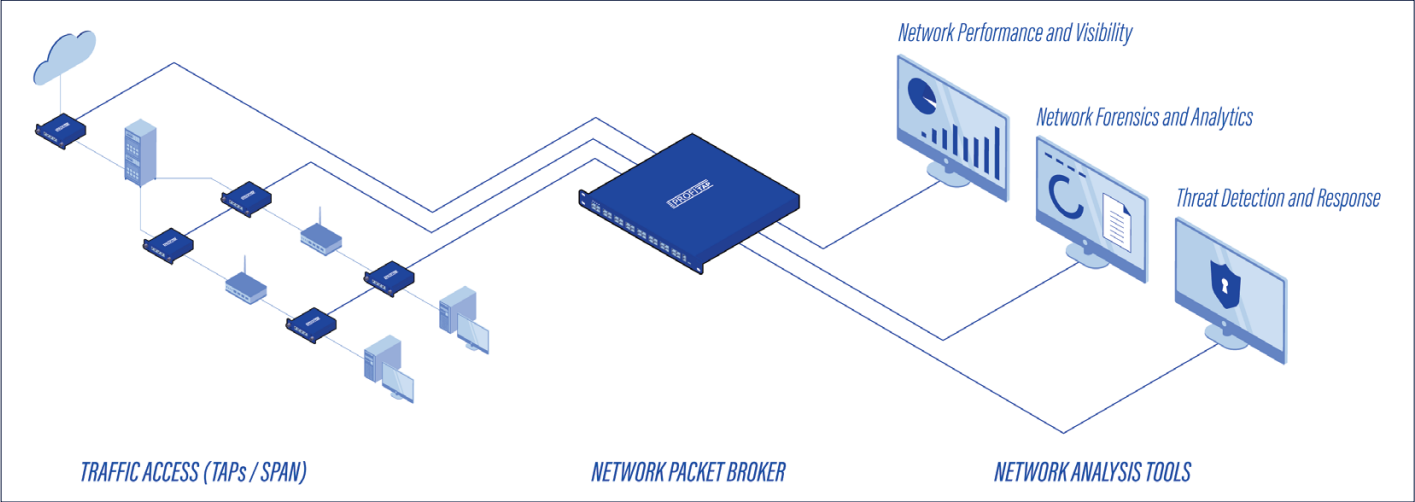


TECHNICAL SPECIFICATIONS

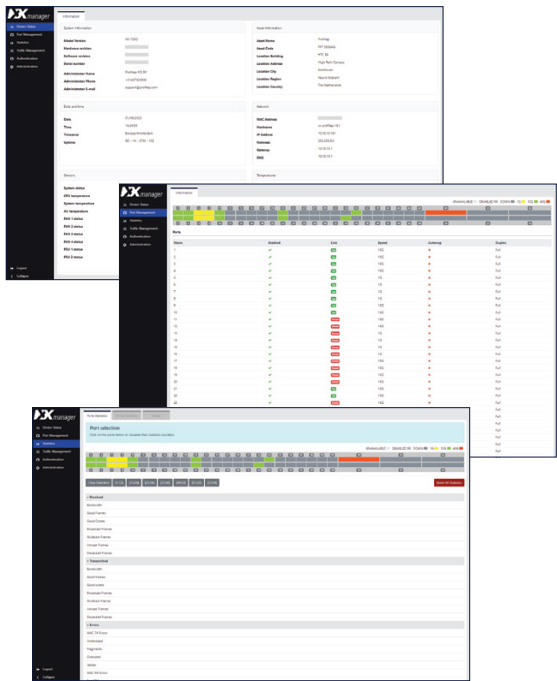
CONNECTORS 48 x SFP+ ports 6 x QSFP+ ports 1 x RJ45 (serial) out-of-band management 1 x mini-USB console (RS232)	LEDs 1 x Fan 1 x System status 1 x PSU1 status 1 x PSU2 status	ACCESSORIES 2 x 550 W, 80+ Platinum, 100–240 VAC, 50–60 Hz or 2 x 800 W, -40V--60 VDC
WEIGHT 8.7 kg — 19.18 lb	COMPLIANCE RoHS — CE — FCC	DIMENSIONS (WxDxH) 440 x 410 x 44 mm — 17.32 x 16.14 x 1.73 in

ORDER REFERENCES

PORT LICENSE	AC (2 x 550 W, 100-240 VAC) PSU	DC (2 x 800 W, -40V--60 VDC) PSU
24 x 1/10G SFP+, 2 x 40G QSFP+	XX-720G-242-AC	XX-720G-242-DC
48 x 1/10G SFP+, 6 x 40G QSFP+	XX-720G-486-AC	XX-720G-486-DC



XX-Manager is a web-based interface integrated in every XX-720G unit, allowing easy access to the configuration and monitoring of XX-720G settings and behavior from any OS or platform.



DEVICE STATUS

Device status offers a quick overview of operational statistics related to the packet broker hardware.

PORT MANAGEMENT

Port management offers instant overview of port status and speed. Users control the configuration of all SFP modules, where each module offers additional information in the specific status section.

PORT STATISTICS

Port statistics displays and monitors the statistics counter for each of the device interfaces.