

S-Blade Pro

Improving Efficiency, Speed, and Performance to Enable World-Class Network and Application Test Labs

HIGHLIGHTS

- 1 slot (24 QSFP+ ports)
- Software-adjustable any-rate blade
- Layer 1 functionality and utilization metrics available on all ports
- Network simulation using impairments
- Compatible with NETSCOUT 3900 switches 1, 3, and 12 slot chassis
- Primary or backup chassis control

Configuration Options for Max Ethernet Port Count

Any of the S-Blade Pro QSFP+ ports can be configured as 4x 10G ports

Standard Layer 1 QSFP+ ports can be configured as 4x1/10G ports

Product Overview

NETSCOUT® delivers solutions that enable world-class network and application test labs.

Our specialized blades for test lab optimization provide customers with optimal integration, scalability, and simplicity in order to meet their various lab requirements.

Offering multiple configuration options, NETSCOUT's S-Blade Pro delivers high density connectivity with 24 QSFP+ ports per blade and offers advanced features including network impairments and utilization metrics.

Whether you are managing dedicated high-performance test labs or consolidated global test labs operating in a Lab as a Service (LaaS) model, NETSCOUT offers a Test Lab Automation Infrastructure solution that will address those immediate needs as well as your long-term objectives.

Product Capabilities

- 24 QSFP+ ports per blade (18 Standard Layer 1 ports, 6 Smart ports)
- Protocol Support: Ethernet (100M/1G/2.5G/5G/10G/40G), CPRI, OC3/12/48/192, FC up to 16G, OTN, SONET, SAS
- Hot swappable QSFPs with auto speed recognition
- Layer 1 switching, both on-blade and between blades within chassis
- Protocols and speeds configured on a per port basis
- Smart ports with enhanced capabilities for Ethernet including packet loss and latency impairments
- Real-time and historical utilization statistics for improved lab management
- Port, group, and multi-cast connection options
- Productivity Tools: Port Flap, TAP/test, Port Locking, QSFP Diagnostics
- Deterministic low latency
- Cross-Switch Links (xSLs) using TestStream software control
- Media Conversion for Copper, SM Fiber, MM Fiber

S-Blade Pro Chassis, Blade, and Software Compatibility

Chassis Compatibility	Blade Compatibility	Management Software
3901	S-Blade, G-Blade	TestStream Controller
3903	S-Blade Pro	TestStream Lab Manager
3912	T-Blade SFM, SFM Pro	



S-Blade Pro QSFP+ | Max ethernet port count: 1GbE 72 / 10GbE 96 / 40GbE 24



SPECIFICATIONS

Interfaces	24 QSFP+ (18 Standard Layer 1, 6 Smart Ports)
Media Types	Copper, Multimode, Single Mode
Console Port	RJ45
Protocols Supported	Ethernet 1/10/40GbE CPRI (versions 1-7) OC3/12/48/192 FC up to 16G OTN (OTU1/2/2e) SONET (STM-1/4/16/64) SAS
Blade Latency	Standard ports: <5ns Smart ports: <500ns
Maximum Power (blade-only)	190W
Maximum Power (pluggable)	3.5W
Slot Requirement	1RU, 3900 Series



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NETSCOUT offers sales, support, and services in over 32 countries. Global addresses, and international numbers are listed on the NETSCOUT website at: www.netscout.com/company/contact-us