

- Line-rate GbE switching for as low as \$125 per port (list price)
- Limited Lifetime warranty
- The S-Series family of compact, high performance stackable Gigabit Ethernet switches beats the competition in all key dimensions

Product Comparison	Force10 S50	Cisco 3750-E	Cisco 3560	HP/3Com S5500**	Brocade GS 648P	Juniper 4200	Extreme X450e
GbE Ports	48	48	48	48	48	48	48
Max. 10 GbE Uplinks	4	2	0	4	2	2	2
Line-rate Performance	✓	No	No	✓	No	✓	✓
Stackable	✓	✓	No	✓	✓	✓	✓
Optional PoE	✓	✓	✓	✓	✓	✓	✓
Cisco-like CLI	✓	✓	✓	No	No	No	No
Unit List Price* (Price per GbE port)	\$6,000 (\$125)	\$18,995 (\$396)	\$7,995 (\$167)	\$6,365 (\$133)	\$6,595 (\$137)	\$11,100 (\$229)	\$7,495 (\$156)

Price/Performance
Force10 delivers the most advanced switching technology at the best price

Scalability
Higher capacity switch fabric: better throughput under full load

Flexibility
Standards-based & 10GbE ready

Force10 Best-in-Class Stackable GbE Switches, Now at the Best Price

The S-Series access switches are designed to bring the levels of performance, resiliency, and reliability that have typically been found in the core to the network edge. With the availability of promotional pricing that brings list price to as low as \$125 per port, the Force10 S-Series now also delivers the industry's most affordable stackable GbE switching solution.

The 1 RU S50 and the S25 are fixed configuration systems with 48 or 24 ports of 1 GbE respectively, and two high-speed slots that can accommodate up to two 2-port 10 GbE line cards. Up to eight S50/S25 switches can be linked in a single stack, which can then be managed, secured and supported as a single device to reduce operational expenses. Offering true line-rate layer 2/3 switching performance and optional PoE connectivity, the S50/S25 are optimized for cost conscious GbE wiring closet, data center, storage or compute cluster applications.

Key Capabilities

- Incorporates FTOS, Force10's industry hardened and modular operating system that powers some of the most demanding networks in the world
- Line-rate switching performance of 131 Mpps to eliminate costly bandwidth bottlenecks
- Full complement of standards-based Layer 2 and Layer 3 switching/routing features
- Cisco-like CLI provides a familiar, industry standard management interface
- Stack up to eight S25/S50 switches to deliver a scalable and flexible high capacity solution
- Optional IEEE 802.3af PoE support with advanced power management and monitoring

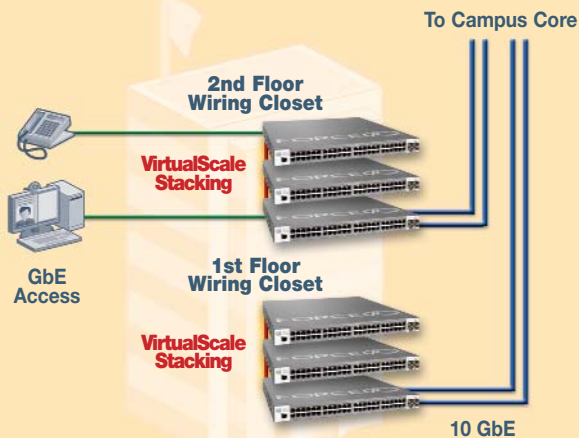
* Competitive list prices are estimated based on publicly available information.

** HP has announced End-of-Life for the ProCurve 3400cl, with the H3C S5500-EI product being the preferred GbE stackable switch.

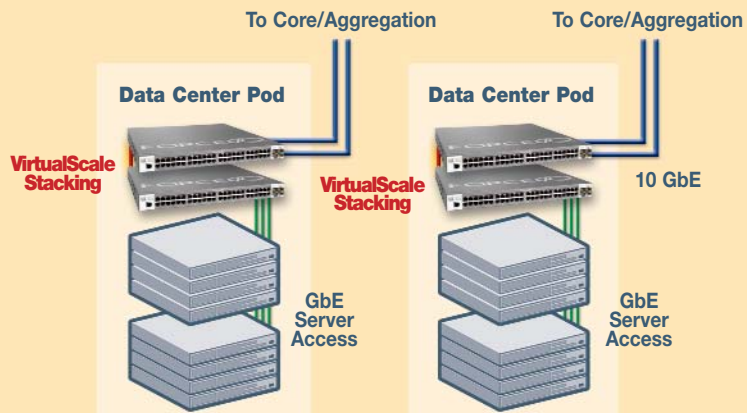


S25/S50 APPLICATIONS

Wiring Closet



Cost Conscious Top-of-Rack



Sales Contacts

Force10 Networks
866-600-5100
insidesales@force10networks.com

Force10 Authorized Distributors

Bell Micro
800.291.2070 ext. 6129
www.bellmicro.com

Network Hardware Resale
800.451.3407
www.networkhardware.com

Tech Data
800.237.8931
www.techdata.com

S-Series S25/S50 Specifications

Physical (S25N/S50N)

S25N: 24 line-rate 10/100/1000Base-T ports
S50N: 48 line-rate 10/100/1000Base-T ports
4 SFP ports (shared)
1 RJ45 console/management port with RS232 signaling

Optional modules:

2 line-rate ports 10 Gigabit Ethernet XFP
2 line-rate ports 10 Gigabit Ethernet CX4
2 line-rate ports 12 Gigabit Stacking
1 line-rate port 24 Gigabit Stacking

Size: 1 RU, 1.7 h x 17.32 w x 16.73" d
(4.3 h x 44 w x 42.5 cm d)
Weight: 14.39 lbs (6.54 kg)

Physical (S25V/S50V)

S25V: 24 line-rate 10/100/1000Base-T ports
S50V: 48 line-rate 10/100/1000Base-T ports
4-ports SFP (shared)
1 RJ45 console/management port with RS232 signaling

Optional modules:

2 line-rate ports 10 Gigabit Ethernet XFP
2 line-rate ports 10 Gigabit Ethernet CX4
2 line-rate ports 12 Gigabit Stacking
1 line-rate port 24 Gigabit Stacking

Size: 1 RU, 1.7 h x 17.32 w x 16.73" d
(4.3 h x 44 w x 42.5 cm d)
Weight: 15.62 lbs (7.10 kg)

Redundancy

Ring stacking topology with dynamic master election
Dual modular slots with up to four 10 GbE ports
Link aggregation across stack members
Power redundancy

Performance

MAC addresses: S25: 16K, 50: 32K
IPv4 routes: 4K
IPv6 routes: 2,500
Switching fabric capacity: S25: 144 Gbps, S50: 288 Gbps
User traffic capacity: S25: 128 Gbps (95 Mpps)
S50: 176 Gbps (131 Mpps)
Link aggregation: 8 links per group, 128 groups per stack
Stacking capacity: 96 Gbps per stack member
Queues per port: 4 queues
VLANs: 1024 VLANs with 4096 tag value support
Line-rate Layer 2 switching: all protocols, including IPv4 and IPv6
Line-rate Layer 3 routing: IPv4 and IPv6
LAG load balancing: based on Layer 2, IPv4 or IPv6 headers
Switching latency: <5 µs for 64 byte frames

Regulatory Compliance

Safety

UL/CSA 60950-1, 1st Edition
EN 60950-1, 1st Edition
IEC 60950-1, 1st Edition Including all National Deviations and Group Differences
EN 60825-1 Safety of Laser Products Part 1: Equipment Classification Requirements and User's Guide
EN 60825-2 Safety of Laser Products Part 2: Safety of Optical Fibre Communication Systems
FDA Regulation 21 CFR 1040.10 and 1040.11

RoHS

All S-Series components are EU RoHS compliant.

The features and specifications are for FTOS. For SFTOS features and specifications, please refer to the SFTOS data sheet.



Force10 Networks, Inc.
350 Holger Way
San Jose, CA 95134 USA
www.force10networks.com

408-571-3500 PHONE
408-571-3550 FACSIMILE

© 2010 Force10 Networks, Inc. All rights reserved. Force10 Networks, Adit, E-Series, Traverse, and TraverseEdge are registered trademarks and Axiom, C-Series, ExaScale, FTOS, MASTERseries, P-Series, S-Series, TeraScale, and TransAccess are trademarks of Force10 Networks, Inc. All other company names are trademarks of their respective holders. Information in this document is subject to change without notice. Certain features may not yet be generally available. Force10 Networks, Inc. assumes no responsibility for any errors that may appear in this document.

HS65

610 v1.4