4TEXSwitch-11B-32F IR

Innovative Datacenter Switch, 32 x 100GE QSFP28 Ports

High-performance 10/25/40/50/100GE top-of-rack open networking switch.

Key applications

- High-density 10/25/40/50/100GE ToR server aggregation for high-performance data center environments.

- Deploy large fabric installation for flat, two-tier, non-blocking 10/25/40/50/100GE architecture better suited for

- virtualized data centers and private clouds.

- Enable cost effective aggregation of 10/25/40/50/100GE uplinks through small-scale in Leaf-Spine architecture.

- Designed for effective integration with S8900-54XC, S8900-64XC, S9200-64X switches to empower consolidation

- and transformation of elastic, virtualized, data center fabrics.

- Low-latency and high-performance for Next-Generation data centers.

- Deploy as a high-speed Layer 2 gateway to connect nonvirtualized infrastructure with hypervisor based overlay networks.

Key features

- 1 RU high-density 10/25/40/50/100GE fixed switch with up to 32 100GE (QSFP28) ports.

- Full support for ONIE software installer.

- Redundant, hot-swappable power supplies and fans.

- Up to 6.4Tbps of switching I/O bandwidth (full duplex) available and non-blocking switching fabric delivering

- line-rate performance under full load.

- Next generation of Leaf-Spine architecture, enhancing workloads and optimizing networking scaling.

- The S9100-32X is specifically designed for applications in high-performance datacenter environments.

- Non-blocking switching architecture.

Technical Specifications

4TEXSwitch-11B-32F IR

Form Factor	1U
Role	100GbE Spine
100Gb ports	32
ONIE	Yes
Pre-loaded NOS	ICOS
ICOS	Yes
SONiC	Yes
OpenSwitch	Yes
NoviFlow Noviware	No
ASIC / Silicon	Broadcom BCM56960 (Tomahawk)
Switching capacity - bidirectional, Gbps	6400
Switching capacity - one-way, Gbps	3200
Packet throughput, Mpps	2980
PSU W	550
PSU n°	2
RPS	Yes
Processor	Intel Rangeley C2558 2.4Ghz 4-core
Memory	8GB w/ ECC SODIMM DDR3
Storage	M.2 SSD 64GB

Airflow	Rear to Front or Front to Rear; Front side is the port side
Power Consumption Typical	360W
Power Consumption Max	420W
Input power	100V-240V, 60/50Hz
Max. Operating temperature	45°C
Weight	9.52 kg
Transceiver	100GbE SR4 QSFP28
	100GbE eSR4 QSFP28
	100GbE LR4 QSFP28
	100GbE CWDM4 2Km QSFP28
Dimensions (w x h x d) mm	440 x 44 x 406

Regulatory compliance

EMC	EN55032 Class A EN61000-3-2/EN61000-3-3 EN55024 FCC P15B Class A BSMI (CNS 13438) Class A CCC (GB9254) Class A RoHS: RoHS 6 UL
Safety	IEC/EN 60950-1/A2 BSMI (CNS 14336-1) CCC (GB4943)