

## 64-Port 100GbE L3 Data Center Spine Switch, 64x 100GbE QSFP28, Support Stacking

The N8560-64C 64-port 100GbE data center switch provides line-rate L3 switching across the 64x QSFP28 ports, and each QSFP28 port can be configured as 40/100GbE, or as 4x 25GbE or 4x 10GbE via breakout cables. The compact 2U switch can be deployed as a top-of-rack (ToR) switch supporting 10/25GbE to servers with 40/100GbE, or as a spine switch supporting 40/100GbE spine interconnects.

This 100 Gigabit Ethernet switch supports PFC, DCBX and ECN to deliver low-latency, zero packet loss, non-blocking lossless Ethernet, and supports features like GR, BFD mechanisms to ensure normal operation when the network bears abundant services and heavy traffic. FS N8560-64C is a new generation high density 100GbE switch designed for cloud data center.

### Product Specifications

<b>Ports</b>	64x 100G QSFP28	<b>Switch Chip</b>	BCM56970
<b>CPU</b>	Quad-core processor, 1.5GHz	<b>Number of VLANs</b>	4,000
<b>Switching Capacity</b>	12.8 Tbps	<b>MAC Address</b>	72,000
<b>Forwarding Rate</b>	9.52 Bpps	<b>Jumbo Frame</b>	9,216
<b>SDRAM</b>	4GB	<b>ARP Entries</b>	90,000
<b>Flash Memory</b>	8GB	<b>IPv4/IPv6 Routes</b>	28,000/12,000
<b>Packet Buffer</b>	42MB	<b>Latency</b>	<1μs
<b>Hot-swappable AC Power Supplies</b>	2 (1+1 Redundancy)	<b>Max. Power Consumption</b>	<600W
<b>Hot-swappable Fans</b>	3 (2+1 Redundancy), Front-to-Back	<b>MTBF</b>	390,000 Hours
<b>Dimensions (HxWxD)</b>	3.46"x 17.4"x 17.7" (88x 442x 450mm)	<b>Warranty</b>	5 Years -