

S9301-32DB

200/400G

Data Center Switch

The UfiSpace S9301-32DB is a high-performance, versatile open networking white box switch that is designed to address the fast growing segment of the Ethernet switching market and the needs to push capacity to the next level. With 24x200GE QSFP56 and 8x400GE QSFP-DD ports, the S9301-32DB switch is where computer resources (servers or blade chassis) are centralized and managed in a structured way utilizing high-efficiency Ethernet connectivity.

The S9301-32DB is the epitome of future networking with a powerful Intel Skylake 8-core processor and Broadcom Trident4-X9 switching ASIC. It comes with redundant, hot swappable components for convenience, increased availability, reliability and lower costs of maintenance. These switches deliver performance and intelligence to the network edge in a flexible 1RU form factor that helps reduce infrastructure and administrative costs.



KEY BENEFITS

- Monitoring link status to re-assign traffic flow dynamically
- Optimization for the east-west traffic pattern
- Flexible and efficient data processing
- Centralize and adaptive packet memory management architecture
- Large on-chip packet buffer minimize the data latency, and burst absorption.
- Packet level telemetry with microsecond granularity
- Enable real-time network status visibility

KEY FEATURES

- High density 200G and 400G service interfaces
- 8 Tbps switching capacity
- Intel® Skylake-D 8-cores
- Broadcom Trident4-X9 Silicon
- Individual BMC for monitoring and managing equipment health status
- Hot swappable power supplies with 1+1 redundancy support
- Hot swappable fan modules with 5+1 redundancy support

SPECIFICATIONS

PHYSICAL

- 8 x 40/100/200/400G QSFP-DD ports with 400G ZR/ZR+ support
- 24 x 40/100/200G QSFP56 ports
- 2 x 10G SFP+ management ports
- 1 x 100/1000M RJ45 management port
- 1 x RJ45 serial console port
- 1 x USB 3.0 Type-A port

Processor	Intel Skylake-D 8-Core @ 1.9GHz
Memory	32GB DDR4
Storage	128GB SSD
ASIC	Broadcom Trident4-X9 BCM56780
BMC	AST2620
LED	Power and System status LEDs per unit Link and Activity LEDs per port FAN Status LED per FAN PSU Status LED per PSU ID LED per unit
Chassis (WxDxH)	1RU, 436 x 645 x 43.8mm or 17.17" x 25.4" x 1.72" Weight: 11.2 kg or 24.67 lbs (Without FRU)
Redundancy	Hot swappable, 1+1 redundant PSU Hot swappable, 5+1 redundant Fans

S9301-32DB

Cloud & Data Center Solutions

ENVIRONMENTAL

Power Specs.	AC input: 100 to 240V, 12A DC input: -40 to -75V, 40A Typical power: 291.6 Watts (no transceiver)
Max. Operating Specs.	Operating temperature: 0°C to 40°C (32°F to 104°F) Operating humidity: 5% to 95% (RH), non-condensing
Max. Non-Operating Specs.	Storage temperature: -40°C to 70°C (-40°F to 158°F) Storage humidity: 5% to 95% (RH), non-condensing

PERFORMANCE

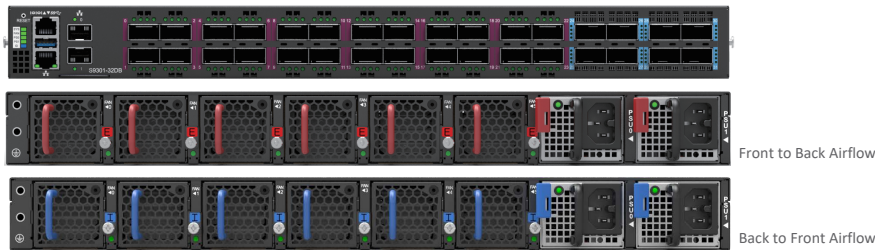
Switching Capacity	8 Tbps
Packet Buffer	82 MB

REGULATORY COMPLIANCE

Safety	UL 62368-1 IEC 62368-1	EMC	FCC Part 15, Subpart B, Class A ICES-003, Class A EN 55032, Class A EN 300 386 EN 55035 VCCI CISPR 32, Class A
Environmental	RoHS WEEE		

Specifications are subject to change without notice.

S9301-32DB Front and Back Views



ACCESSORIES

- Compatible Transceivers Types**
400GE QSFP-DD ZR, 400GE QSFP-DD ER4, 400GE QSFP-DD LR4, 400GE QSFP-DD SR8, 400GE QSFP-DD FR4, 400GE QSFP-DD DR4, 400GE QSFP-DD DR4+, 400GE QSFP-DD PLR4, 200GE QSFP56 SR4, 200GE QSFP56 FR4, 100GE QSFP28 ZR4, 100GE QSFP28 ER4, 100GE QSFP28 LR4, 100GE QSFP28 SR4
- Available to Order**
Power Supply Types
PSU-132-DESR, 1300W DC, exhaust air flow
PSU-132-DISB, 1300W DC, intake air flow
PSU-132-AESR, 1300W AC, exhaust air flow
PSU-132-AISB, 1300W AC, intake air flow
- Fan Types**
FAN-405637-HD, exhaust air flow
FAN-405637-CD, intake air flow

