

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 40/100/400G QSFP-DD ports
- 24 x 40/100/200G QSFP56 ports
- 2 x 10GBase 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

Chassis (WxDxH) 1RU, 436 x 645 x 43.8mm
or 17.17" x 25.4" x 1.72"
Weight: 11.2 kg (24.67 lbs)

Redundancy Hot swappable, 1+1 redundant PSU
Hot swappable, 5+1 redundant Fans

ENVIRONMENTAL

Power Specs. AC input: 100 to 240V, 12A
DC input: -40 to -75V, 40A
Typical power: 242W (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

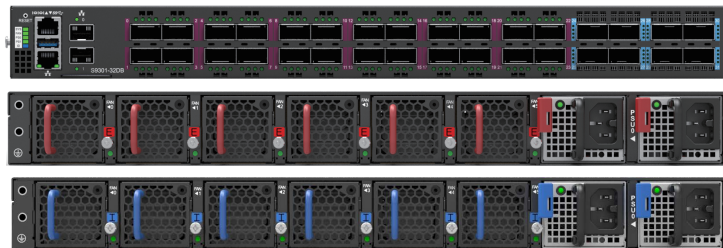
Environmental WEEE
RoHS

Specifications are subject to change without notice.

S9301-32DB

Cloud &
Data Center
Solutions

S9301-32DB Front and Back Views



Front to Back Airflow

Back to Front Airflow

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-DISR, 1300W DC, intake air flow
PSU-132-AESR, 1300W AC, exhaust air flow
PSU-132-AISR, 1300W AC, intake air flow

Fan Types

FAN-405637-HD, exhaust air flow
FAN-405637-CD, intake air flow

