

S9301-32DB

200/400GE DataCenter 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 200GE and 400GE service interfaces
- 8 Tbps Switching Bandwidth
- Intel® Skylake-D D-2145NT 8 Cores
- Broadcom Trident 4 X9 Silicth
- Individual BMC for monitoring and managing equipment health status
- 1 + 1 hot swappable PSU FRU
- 5 + 1 hot swappable Fan FRU

SPECIFICATIONS

PHYSICAL

- ◆ 24 x 200GE QSFP56 ports
- ◆ 8 x 400GE QSFP-DD ports
- ◆ 2 x 10GE SFP+ management ports
- ◆ 1 x 10/100/1000 RJ-45 OOB management port
- ◆ 1 x RJ45 serial console ports
- ◆ 1 x USB 3.0 Type-A port

Processor Intel Skylake-D 8 Core @ 1.9GHz

Memory 32GB DDR4 R-DIMM with ECC

Storage 128GB SSD

BMC Aspeed 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
17.17 x 25.4 x 1.72 in.
Weight: 11.2 kg (24.67lbs)

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

ENVIRONMENTAL

Power Spec. AC input: 100 ~ 240V, 12A
DC input: -40 ~ -75V, 40A
Typical power: 242W (no transceiver)

Max. Operating Specs. Operating temperature: 0°C to 40°C (32°F to 104°F)
Operating humidity: 10% to 90% (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 8.0 Tbps

Packet Buffer 82MB

REGULATORY COMPLIANCE

Safety UL 626801
IEC/EN 60950-1
IEC/EN 62368-1

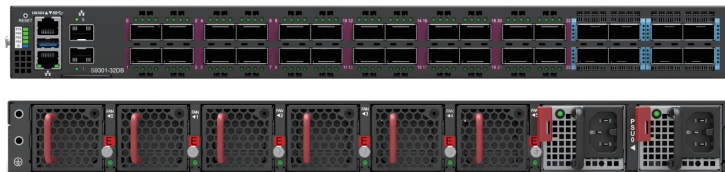
EMC FCC Part 15, Subpart B,
Class A EN 55032, Class A
EN 300 386
EN 55024 EN 55035

Specifications are subject to change without notice.

S9301-32DB

Cloud &
Data Center
Solutions

S9301-32DB Front and Back Views



SUPPORTED ACCESSORIES

Transceivers

400GBASE QSFP-DD SR8, 400GBASE QSFP-DD LR8, 400GBASE QSFP-DD ER8
400GBASE QSFP-DD ZR8, 200GBASE QSFP56 SR4, 200GBASE QSFP56 LR4
200GBASE QSFP56 ER4, 200GBASE QSFP56 ZR4, 100GBASE QSFP28 SR4
100GBASE QSFP28 LR4, 100GBASE QSFP28 ER4, 100GBASE QSFP28 ZR4

Power Supply Types

1300W DC, exhaust air, slim type, red color latch
1300W DC, intake air, slim type, blue color latch
1300W AC, intake air, slim type, blue color latch
1300W AC, exhaust air, slim type, red color latch

Fan Types

Front to back airflow, red color latch
Back to front airflow, blue color latch

Rack mounting kit

Adjustable mounting rail for 19" rack supporting depth
from 20" to 35".

