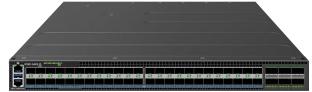




# **KEY BENEFITS**

- 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
- On-chip packet buffers minimize the data latency
- Dynamic load balancing enhances ECMP
- Enhanced network telemetry with programmable support
- Enable real-time network status visibility
- Versitile connectivity as a data center leaf or ToR.



# **KEY FEATURES**

- High density 48 x 10G + 6 x 100G service interfaces
- 1.28Tbps switching capacity
- Intel® Denverton 4-Cores
- Broadcom Trident3-X5 Silicon
  - Individual BMC for monitoring and managing equipment health status
- Hot swappable power supplies with 1+1 redundancy support
- Hot swappable fan modules with 4+1 redundancy support

# **SPECIFICATIONS**

### **PHYSICAL**

6 x 40/100G QSFP28 ports

• 48 x 100M/1/10G SFP+ ports

1 x 100/1000M RJ45 management port

1 x RJ45 serial console port

1 x USB 3.0 Type-A port

Intel Denverton 4-Core @ 1.6GHz Processor Memory 8GB DDR4 32GB SSD Storage **ASIC** Broadcom Trident3-X5 BCM56771 ВМС 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 1RU, 440 x 440 x 43.8 mm or 17.32" x 17.32" x 1.72" (WxDxH) Weight: 8.9kg or 19.62lbs

Hot swappable, 1+1 redundant PSU Redundancy Hot swappable, 4+1 redundant Fans

## **ENVIRONMENTAL**

AC input: 100 to 240V, 6A Power Specs.

DC input: -36 to -75V, 16A

Typical power: 109 Watts (no transceiver)

Max. Operating Operating temperature: 0°C to 45°C (32°F to 113°F) Specs. Operating humidity: 5% to 95% (RH), non-condensing

Max. Non-Operating Storage temperature: -40°C to 70°C (-40°F to 158°F) Storage humidity: 5% to 95% (RH), non-condensing

### **PERFORMANCE**

**Switching Capacity** 1.28 Tbps Packet Buffer 32 MB

### REGULATORY COMPLIANCE

Safety UL 62368-1 **EMC** FCC Part 15, Subpart B, Class A VCCI CISPR 32, Class A IEC 62368-1

Environment WEEE

Specifications are subject to change without notice.

# S7801-54XS

### S7801-54XS Front and Back Views



## **ACCESSORIES**

### Compatible Transceivers Types

10G SFP+ SR, 10G SFP+ LR, 10G SFP+ ER, 100G QSFP28 SR, 100G QSFP28 LR, 100G QSFP28 ER

### **Available to Order**

### **Power Supply Types**

PSU-401-DESR, 400W DC, exhaust air flow PSU-401-DISB-1, 400W DC, intake air flow PSU-401-AESR, 400W AC, exhaust air flow PSU-401-AISB, 400W AC, intake air flow

#### Fan Types

FAN-402825-HD, exhaust air flow FAN-402825-CD, intake air flow



Data Center Solutions

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