

LS7032-SB6 100G Spine / Core Layer Switch



The Next Generation Ethernet Switch for Data Center and Cloud Computing

◆ Product Highlights

- ◆ High Density 100G System
- ◆ Ultra-low Latency
- ◆ Maximum Layer 2 or Layer 3 forwarding of 6.4 Tbps
- ◆ Hot-swappable, Load-Sharing, redundant power supply
- ◆ 4 + 1 Redundant, Hot-swappable fan modules
- ◆ ONIE Ready



Product Overview

The LITE-ON LS7032-SB6 switch is a high performance and low latency data center switch. The switch provides line-rate L2 and L3 switching across 32 100G ports. Each 100G QSFP port can be configured to support up to 32 x 40/100G, 64 x 50G or 128 x 10/25G ports.

The LS7032-SB6 can be deployed as a TOR switch supporting 10/25G to servers with 40/50/100G uplinks or as a spine switch supporting 40/50/100G spine connections.

Best Performance

The LS7032-SB6 provides excellent performance as following :

- Line speed switching on all ports, with up to 6.4 terabits per second (Tbps) and up to 3.3 billion packets per second (Bpps).
- With a four-core CPU and 8 GB of DRAM, make the switch excellent for massively scalable data centers and big data applications.

High Availability

The LITE-ON LS7032-SB6 is designed for high availability from both hardware and software perspectives. The key features include :

- 1 + 1 Hot-swappable power supplies (550W)
- 4 + 1 Hot-swappable fan modules
- Up to 48 paths ECMP routing for load balancing and redundancy
- Reversible airflow (Front to back or Back to front)

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Product Specification

Description	Specification
Physical	<ul style="list-style-type: none"> • 32 100G QSFP28 ports • 1 RJ-45 Out-of-Band Management Port (10/100/1000) • 1 RJ45 Type Console Port • 1 USB 2.0 Port
Performance	<ul style="list-style-type: none"> • Switching Capacity : 6.4Tbps • Maximum Forwarding Rate : 3.3Bpps • Memory : 8GB DDR4 with ECC • CPU : Intel Denverton C3538 (4 Cores / 2.1GHz) • Storage : 16GB M.2 SSD
Mechanical	<ul style="list-style-type: none"> • Dimension (WxLxH) : 1RU, 441.5 x 470 x 44mm (17.38 in. x 18.50 in. x 1.73 in.) • Weight : 9.40 kg • Power Supply : 1+1 Hot-swappable 550W redundant power supplies • Cooling Fan : 4+1 Hot-swappable fan modules • Airflow : Front to back or Back to front
Environmental	<ul style="list-style-type: none"> • Operating Temperature : 0~45°C • Storage Temperature : -20°C to 75°C • Operating Humidity : 90% maximum relative humidity • Storage Humidity : 90% maximum relative humidity
Electrical	<ul style="list-style-type: none"> • Power Requirement : 100-127V & 200-240V & HVDC240V
Certification	<ul style="list-style-type: none"> • Safety : UL, cUL, CB • EMC : CE, FCC/IC

About LITE-ON Networking

We are committed to providing customers and market with the professional products and services that drive productivity across applications. With long-term years of operations in Taiwan and China, our products and solution offer significant and diverse values to meet market requirements and advances in networking connectivity technology.