

# LS7032-SB6

LITEON<sup>®</sup>

The Next Generation Ethernet Switch for Data Center and Cloud Computing



The LITEON 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 40/100G, 64 50G or 128 10/25G ports.

- 100G Ethernet Switch
- Ultra-low Latency
- Maximum Layer 2 or Layer 3 forwarding of 6.4 Tbps
- Hot-swappable, load-sharing, redundant power supply
- N + 1 redundant, hot-swappable fan modules.
- ONIE Ready



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## LS7032-SB6

- **Physical ports**  
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**  
Switching capacity: 6.4Tbps  
Maximum Forwarding rate: 3.3Bpps
- **CPU board**  
Memory: DDR4 8GB with ECC  
CPU: Intel Denverton C3538  
Storage: 16 GB M.2 SSD  
16 MB SPI flash for booting
- **Mechanical**  
Dimension (HxWxD): 44x438x470 mm  
Weight : 9.30 kg(NET)
- **Environmental specifications**  
Operating temperature: 0~45°C  
Operating humidity: 90% maximum relative humidity
- **Electrical**  
Power requirement: 100~240VAC, 50/60Hz
- **Safety**  
UL, cUL, CB  
CE, FCC/IC
- **RoHS**  
RoHS 6/6 Compliant
- **L2 features**  
Flow control: IEEE 802.3x  
STP: RSTP/MSTP  
VLANs/QinQ  
Storm control  
IGMP/MLD snooping  
LACP/Static port channel
- **QoS**  
CoS/DiffServ  
Scheduling : WRR, Strict and hybrid
- **Security**  
port security (MAC-locking)  
802.1x  
ACL/IPv6 ACL: L2/L3/L4  
local and remote authentication  
L2 security (DHCP SNP, IPSG, DAI)
- **Management**  
SNMP v1/v2c/v3  
CLI/Telnet/SSH  
Event/error log: local flash and remote server (RFC3164)  
SNTPv4  
LLDP (802.1ab)  
UDLD  
SPAN/RSPAN  
sFlow v5  
Auto-Installation  
IPv6 management
- **L3 Features IPv4\***  
Unicast routing  
Static routes  
OSPFv2  
BGP4+  
ECMP  
Multicast routing  
PIM-SM  
IGMP v1/v2/v3  
Redundancy  
VRRP  
DHCP relay
- **L3 Features IPv6\***  
IPv6 Unicast routing  
Static routes  
OSPFv3  
BGP4+  
ECMP  
Multicast routing  
PIMv6-SM  
MLD v1/v2  
DHCPv6 relay
- **Data center features\***  
PFC  
ETS  
DCBX  
VXLAN

\* Future Release



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