

PRODUCT OVERVIEW



LN-4332Z1-L

Highlights

- ▶ 32x100Gbps QSFP28
- ▶ Switching Capacity 6.4Tbps
- ▶ Compact 1RU Standard, 19-inch Rack Mountable Design
- ▶ 2 (1+1 redundant) Redundant Hot-swappable PSU
- ▶ 4+1 hot-swappable redundant Fans
- ▶ SONiC OS Support
- ▶ 8GB RAM
- ▶ 32GB eMMC



HARDWARE SPECIFICATIONS

Switching Performance

Interface	32x100G QSFP28 Ports
Management Port	1 MGMT Port, 1 Console Port, 1 USB Port, USB 2.0 compliant
Transmission Mode	Support store-forward mode and cut-through mode
Switching Capacity	6.4Tbps
Packet Forward Rate	2800Mpps
Power Supply	1+1 hot-swappable redundant power supply, front to rear or rear to front ventilation
Fan	4+1 hot-swappable redundant fans, front to rear or rear to front ventilation
AC Input	Rated voltage range: 100~240V
	Maximum voltage range: 90~264V
	Frequency: 50~60Hz
	Rated input current: 0~5A(230VAC); 0~10A(100VAC)
DC Input	Input voltage range: 180~310V
	Input current range: 0~5A
Power Consumption	Static (Dual AC): 175W; Maximum (Dual AC): 515W
Operating Temperature	0°C ~ 40 °C
Storage temperature	-40 °C ~ +70 °C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Dimension(WxDxH), Weight	440mm(W) x 470mm(D) x 44mm(H), About 9kg



SONIC OS SOFTWARE FEATURES

Layer 2/3 Feature list

BGP / BGP MP	BGP/Neighbor-down fib-accelerate
BGP-EVPN support (type 5), (related HLD Fpmsyncd,Vxlanmgr,template)	ECMP
LAG	ACL permit/deny, IPv6 ACL
LLDP	DHCP
VLAN	CoPP
IPv6	VLUN Trunk
FRR	Priority Flow Control
Asymmetric PFC	PFC Watermark
DHCP Relay Agent	Tunnel Decap
LACP Fallback	MTU Setting
Vlan Trunk	Static Port breakout
Dynamic ACL Upgrade	MAC Aging
L3 RIF counter support	Configurable drop counters
Policy Based Routing (PBR)	Private VLAN

Monitoring

SNMP	Syslog
EverFlow	OOM
TCPDump	Critical Recourse Monitor
Dtel	Mirroring
Egress mirroring	ACL action support check via SAI
Streaming Telemetry	Everflow enhancement
sFlow	HW resource monitor

QoS

RDMA	ECN
PFC WD	WRED
COS	Watermark

Virtualization

L3 VxLAN	VRF
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SONIC OS SOFTWARE FEATURES

System

NTP	ONIE Install
CLI	TACACS+
ConfigDB	SONiC to SONiC upgrade
Multiple Images support	gRPC
Sensor transceiver monitoring	LLDP extended MIB: Ildpretable, Ildploporttable, Ildpremanaddrttable, Ildploctmanaddrttable, Ildploporttable, IldpLocalSystemData
Warm Reboot	Incremental Config (IP, LAG, Port shut/unshut)
Routing Stack Graceful Restart	Mgmt VRF
Management Framework	Multi-DB optimization-Part 1
Sub-port support	

ORDERING INFORMATION

SKU	Model	Description
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000248	LN-4332Z1-L	32x100 Dual Hot Pluggable PSU, Hot Pluggable FANS. 8GB RAM, 32GB eMMC
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Model includes a 3-year HW Warranty.