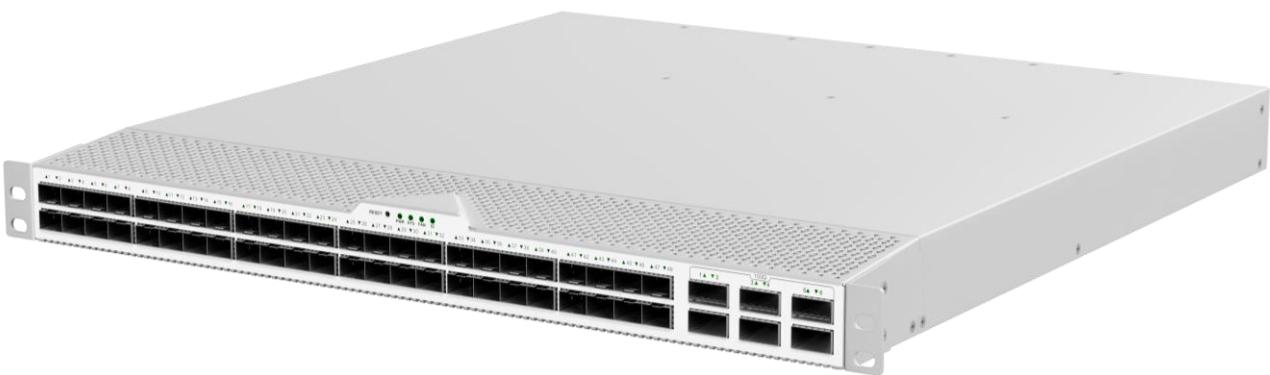


PRODUCT OVERVIEW



LN-3548XGF-6Z

Highlights

- ▶ 10GbE SFP+ or RJ45 Ports & 100G QSFP Uplinks
- ▶ Non-Blocking Switching Capability
- ▶ Dual Hot Pluggable PSU
- ▶ 4GB DDR4
- ▶ 32GB eMMC
- ▶ Hot Pluggable FANS
- ▶ Service Monitoring and Management
- ▶ Robust Multicast Control
- ▶ Virtual Private Networks
- ▶ IPv6 Support
- ▶ OpenSource NOS Marvell Total Solution ROS Layer3 NOS



HARDWARE SPECIFICATIONS

Ports

10GbE RJ45 Ports	48 SFP+ or 48 Copper 10G
Uplink ports	6 QSFP 100G ports
Other Ports	Console, OOB, USB 2.0

Hardware

Marvell Chipset	98DX8548
Capacity	2.16 Tbps
MTBF	100,000h
Case	440×44×470mm (H×W×D)
RAM	4GB DDR4
Internal Storage	32GB eMMC
Enclosure Form Factor	Rackmount

Environment

Operating temperature	-40°C~+75°C
Humidity	5% ~ 95% non-condensing



SOFTWARE FEATURES

MPLS/MPLS-TP

MPLS Architecture Support	Pseudowire setup and maintenance using LDP
LDP, RSVP support	EVPN support over VPLS
RSVP Traffic Engineering support	MPLS L3VPN for IPv4/IPv6
Pseudowire setup and maintenance using BGP	Differentiated Services over MPLS
RSVP FRR with 1:1 and 1:n support	BFD for Pseudowire VCCV
OAM for MPLS based transport networks, proactive connectivity check, RDI	MPLS TP, Transport Profile Support
MVPN Support	

Layer 2

802.1D Spanning Tree Protocol/802.1 w Rapid Spanning Tree / 802.1 s Multiple Spanning Tree / RPVST+	VLAN's with QinQ 802.1Q VLAN's / Trunking support Private VLAN's
802.1 AB Link Layer Discovery protocol	802.3x Flow control
802.1x Authentication	802.3ad Link aggregation group support
Multi-chassis Link aggregation group support	CFM 802.1ag
Y.1731	VxLAN support with EVPN
TRILL	QCN, ETS, PFC

Layer 3

Static IPv4/Ipv6	OSPFv2/v3, ISIS (v4/v6), MP-BGP, RIPv2
Multi-path ECMP	VRF Lite – IPv4
BFD for IPv4, IPv6, Protocol support for OSPF, BGP in Global and VRF space	IGMP v2/v3
IGMP Snooping, querier, proxy report suppression	MLD
MSDP	PIM-SM, PIM-SSM, PIM-DM (IPv4/IPv6)
VRRP	

Management, Security and QoS Features

Access control list	RADIUS & TACACS+ support
Role based access control	Modular & Hierarchical QoS for Policing, Marking and Shaping
Flexible flow classification and action rule-set	NETCONF support
Ansible Integration	Sflow support
DCHP Relay/Client	Syslog
SNMP Support	Industry standard CLI



LN-3548XGF-6Z

ORDERING INFORMATION

Model	Description
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LN-3548XGF-6Z	L3, 48x10+6x100 dual hot pluggable PSU, hot pluggable FANS. 8GB DDR4, 32GB eMMC
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Switch has USB 2.0, OOB, and Console ports.

The model include a 1-year HW Warranty.

