![Micas Networks logo]

White Box Switch

Front View

Back View (M2-W6510-48GT4V-FA)

Back View (M2-W6510-48GT4V-RA)

Back View (M2-W6510-48GT4V-FD)

Back View (M2-W6510-48GT4V-RD)

M2-W6510-48GT4V

Overview

The M2-W6510-48GT4V is a Gigabit Ethernet switch which offer 52 ports: 48 x 10/100/1000BASE-T ports and 4 x 10G/25G SFP28 uplink ports. The M2-W6510-48GT4V can be deployed as a management switch in data center networking, or enterprise access networking. The switch provides redundant, hot-swappable AC & DC PSUs and redundant fans with front-to-rear or rear-to-front airflow.

This open network switch is loaded with Open Network Install Environment (ONIE) software installer, which support the SONiC operating system, including the community versions and the enhanced versions.

Product Highlights

First-class Performance

• 48×10/100/1000 BASE-T+ 4×25GE SFP28
• Up to 296 Gbps (full duplex) throughput
• Up to 578 Mpps forwarding rate
• Wire speed L2 and L3 forwarding

Resilient Configuration

• Broadcom BCM56274 (Trident3 X2)
• Intel ATOM C3558
• DDR4 4GB (Up to 8GB)
• System storage 64GB

Data Center Oriented Design

• Over 85% efficient power supplies
• 1+1 redundant & hot-swappable power supplies
• 1+1 redundant & hot-swappable fans
• Front-to-rear and Rear-to-front cooling
• Front-to-rear cooling

Cloud Networking Ready

• 4MB embedded packet shared buffer
• Support for jumbo frames up t0 12,288 bytes
• Up to 64K MAC entries
• L3 hosts: IPv4 32K, IPv6 16K;
* The above table is the maximum capacity that the switching chip can provide.

Outstanding OS Compatibility

• Loaded with Open Network Install Environment (ONIE) software installer
• Compatible with software for SONiC

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Switch Model

Ports

Max 400GbE Ports

Max 200GbE Ports

Max 100GbE Ports

Max 50GbE Ports

Max 40GbE Ports

Max 25GbE Ports

Max 10GbE Ports

Max 1GbE Ports

MGMT Ports

Console ports

USB Ports

Packet Buffer

Order Information

Switch

Model	Product Description
M2-W6510-48GT4V-FA	With two M1LFAN I-F fan modules and two PA150II-F PSU modules
M2-W6510-48GT4V-RA	With two M1LFAN I-R fan modules and two PA150II-R PSU modules
M2-W6510-48GT4V-FD	With two M1LFAN I-F fan modules and two PD150II-F PSU modules
M2-W6510-48GT4V-RD	With two M1LFAN I-R fan modules and two PD150II-R PSU modules

Fan and Power Supply

Model	Product Description
M1LFAN I-F	Fan module for front-to-rear airflow
M1LFAN I-R	Fan module for rear-to-front airflow
PA150II-F	150W AC power supply module, front-to-rear airflow
PA150II-R	150W AC power supply module, rear-to-front airflow
PD150II-F	150W DC power supply module, front-to-rear airflow
PD150II-R	150W DC power supply module, rear-to-front airflow

Products	Hardware Support			Support (OS/ Firmware)	Remote Technical Support	
	Warranty Period	RMA/DOA - Return for Repair (RFR)*	Advance Hardware Replacement (AHR)*	Software Updates	TAC Support	Online Self-Services Support
M2-W6510-48GT4V	3 Years	9×5×15CD-Ship		✓	✓	✓

Support Service

Device maintenance service
9x5x15CD-Ship Basic RFR Service
9x5xNBD Standard AHR Service
10x7xND Silver AHR Service
24x7x4 Golden AHR Service
9x5xNBD Standard Onsite Service
10x7xND Silver Onsite Service
24x7x4 Golden Onsite Service

System integration service
Hardware Installation Service
Software & Network Configuration Service

Value-added service
Critical Moment Onsite Support
Man-day Service