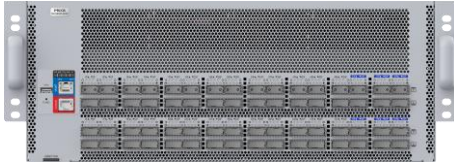


## Overview

The M2-S6930-64QC is a high-performance and high-density 400GbE core switch of Micas Networks. Used with the 400GbE ZR/ZR+ module, the M2-S6930-64QC switch can support interconnection over a distance of at least 80 km and deployment on a DCI network, reducing investment in intermediate transmission equipment.



Front View



Back View

## Product Highlights

### High-Density 400GbE Ports

- Provides 64 x 400GbE ports within a space of 4 RU.

### RDMA-based Lossless Ethernet

- Supports the RDMA feature and enables the establishment of lossless, low-latency data center Ethernet.

### 80 km + Long-Distance Interconnection

- Supports the 400GbE ZR/ZR+ module for interconnection over a distance of at least 80km.

### Automated O&M/Monitoring Network

- Enables active pushing of switch status based on gRPC.
- Supports the ZTP protocol to meet automatic deployment requirements.

# Parameter Specifications

System Specifications	
Switch Model	M2-S6930-64QC
Ports	64 x 400GbE QSFP-DD
Max 400GbE Ports	64
Max 200GbE Ports	128
Max 100GbE Ports	256
Console Port	1
MGMT Port	1
USB Port	1
Switching Capacity	51.2Tbps
Packets/Second	10.6Bpps
CPU	Intel Xeon D-1627
System Memory	DDR4 8GB (Up to 64GB)
System Storage	240GB
Packet Buffer	113.66MB
Temperature Alarm	Supports temperature alarm and overtemperature protection
Power Supplies	4 (2+2 redundant, hot-swappable)
Fans	8 (7+1 redundant, hot-swappable)
OS	HULKOS
Airflow Options	Standard* airflow
Max/Typical Power	2524W/1760W
Consumption Dimensions (W x D x H)	17.40 × 28.9 × 6.83 in. 442 x 735 x 173.6 mm, 4RU
Weight (with all modules)	84.88 pounds (38.5 kg)

Power Supply	
Model	PA1300 I-F
Input Connector	IEC 320-C13
Output Power	1300W
Input Voltage	100-240 VAC
Frequency	50-60 Hz
Efficiency	94% Platinum
Typical Input Current	12-7A
Environmental Characteristics	
Operating Temperature	32 to 104° F (0 to 40°C)
Storage Temperature	-40 to 158° F (-40 to 70°C)
Operating Humidity	10% to 90% RH (Non-condensing)
Altitude (Operating)	0~1800m, (1800 ~ 5000m): When the altitude increases by 220m, the maximum temperature decreases by 1°C
Standard Compliance	
EMC Standards	FCC 47 CFR Part 15 Subpart B ANSI C63.4 ICES-003 Issue 7
Safety	UL 62368-1 CSA C22.2 NO. 62368-1 IEC 62368-1
Certifications	FCC; IC; cTUVus; CB
European Union Directives	-

## Ordering Information

Product ID	Product Description
M2-S6930-64QC-FA	M2-S6930-64QC switch, 64*400G QSFP-DD, 2*AC power modules, 8*fan modules, front-to-rear airflow.
M2EFAN II-F	Fan module, front-to-rear airflow.
PA1300 I-F	AC power supply module, front-to-rear airflow.

### ABOUT MICAS

Micas Networks, a pioneer in open networking solutions, offers high-performance switch products and reliable services tailored for data centers.

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For more information, please visit. <https://micasnetworks.com> or contact your local Micas sales representative.