

## 26-Port 10/100/1000Base Layer 2 Managed Ethernet Switch with (6) Fiber SFP Slots

**SG72660M**

### Product Features

- (24) 10/100/1000Mbps Ethernet ports
- (6) 100/1000Mbps Fiber SFP Slots
- Supports DHCP snooping
- Supports Q-in-Q (Double-tag)
- Supports jumbo frames up to 9K
- Port Mirroring for network monitoring
- Provides port bandwidth control function
- Supports STP, RSTP and MSTP protocols
- Supports Multicast VLAN registration for IPTV
- Supports IP-MAC-Port binding for LAN security
- Supports VSM (Virtual Stacking Management)
- Supports port-based and 802.1Q Tag-based VLAN
- Supports 802.1x Access Control for improved security
- Power Saving reduces switch power consumption
- See page 3 for a list of available fiber optic SFP modules



### Technical Specifications

<b>Standards:</b>	<p>IEEE 802.3 - 10Base-T Ethernet (Copper Twisted-Pair)          IEEE 802.3u - 100Base-TX Ethernet (Copper Twisted-Pair)          IEEE 802.3ab - 1000Base-TX (Copper Twisted-Pair)          IEEE 802.3z - 1000Base-X Ethernet          IEEE 802.3x - Flow Control Capability          IEEE 802.3ad - Link Aggregation Control Protocol (LACP)          IEEE 802.1d - Spanning Tree          IEEE 802.1p - Class of Service          IEEE 802.1Q - VLAN          IEEE 802.1s - Multi Spanning Tree          IEEE 802.1w - Rapid Spanning Tree          IEEE 802.1x - Access Control</p>
<b>Network Ports:</b>	<p>(24) 10/100/1000Mbps Copper Ports          Shielded RJ-45, Auto-Negotiate, Auto-MDI/MDI-X Support          (6) 100/1000Mbps Fiber SFP Ports</p> <ul style="list-style-type: none"> <li>• (4) are Combo Ports with (4) Copper Ports</li> <li>• (2) are for Dedicated Up-Link</li> </ul>
<b>Network Cables:</b>	<p>10/100Mbps: Cat.5 up to 100m          1000Mbps: Cat.5e or higher up to 100m</p>
<b>Switching Capacity:</b>	<p>(24) 10/100/1000 ports with non-blocking performance          52Gbps switch capacity          8K MAC addresses          Supports jumbo frames up to 9K</p>
<b>VLAN:</b>	<p>Port-Based VLAN          802.1Q Tag-Based VLAN, up to 4K active VLANs          Supports Q-inQ (Double-tag)          Supports MVR (Multicast VLAN Registration)          Supports Port-Mirroring</p>

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<b>Virtual Stacking Mgmt.:</b>	Up to (16) switches can be managed via one IP address Virtual stacking, no extra stacking hardware is required Distributed stacking, no physical central location required
<b>Port Link Aggregation:</b>	Trunking Groups: 13 max., Ports/Group: 16
<b>QoS:</b>	Supports Port-Based, 802.1 and Diffserve (IPv4) QoS Packet Classification Supports WRR and Strict scheduling Supports 802.1p QoS with (4) Priority Queues Levels
<b>Bandwidth Control:</b>	Supports ingress and egress rate limits, 500Kbps~1000Mbps
<b>Network Security:</b>	802.1 x access control for port based and MAC based authentication Management Access Policy Control Access Control List IP-MAC-Port binding
<b>LED Indication:</b>	Per Unit: Power Per Port: Link/Activity, Speed
<b>Management Support:</b>	Web Browser Software, SNMP v1, SNMP v2c
<b>Management Objects:</b>	System Information, Ports, VLANs, QoS, Aggregation, LACP, RSTP, 802.1x IGMP Snooping, Mirror, Filter, Rate Control, Storm Control, SNMP
<b>Environment:</b>	Operating Temperature: 0° C ~ 50° C Storage Temperature: -20° C ~ 70° C Relative Humidity: 10% to 90% non-condensing
<b>Dimensions:</b>	17.40 x 6.70 x 1.73 inches (WxDxH) (1U, 19" Rack-Mountable)
<b>Power:</b>	100-240VAC, 50-60Hz, Consumption: 40W max.



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**Available SFP Modules**

Model	Speed (Mbps)	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
FEMM	100	850nm	MMF	62.5μ: 220m 50μ: 550m	LC	-10 ~ -4	< -24	0 to 70° C
FE2MM	100	1310nm	MMF	2km	LC	-20 ~ -4	< -31	0 to 70° C
FE10SM	100	1310nm	SMF	10km	LC	-15 ~ -8	< -34	0 to 70° C
GBMM	1000	850nm	MMF	62.5μ: 220m 50μ: 550m	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1000	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1000	1310nm	MMF / SMF	MM 62.5μ: 220m MM 50μ: 550m SM 9μ: 10km	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1000	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1000	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1000	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB100SM	1000	1550nm	SMF	100km	LC	0 ~ +5	< -30	0 to 70° C
GB10SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB60SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	60km	LC	0 ~ +5	< -24	0 to 70° C
GB60SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	60km	LC	-2 ~ +4	< -25	0 to 70° C
GB80SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C
GB80SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C

**CWDM and DWDM modules are also available. Call for details.**