

Allied Telesis GS980M Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Grey



Brand : Allied Telesis

Product code: AT-GS980M/52PS-10

Product name : GS980M

48 10/100/1000T-POE+ switch with 4 SFP slots

Allied Telesis GS980M Managed L3 Gigabit Ethernet (10/100/1000) Power over Ethernet (PoE) 1U Grey:

Gigabit Layer 3 Lite Managed Switches

The Allied Telesis CentreCOM GS980M Series of Layer 3 Gigabit switches enable a cost-effective and fully managed network. A high-density, space saving solution, with Power over Ethernet (PoE+) to connect and power devices such as video surveillance cameras and IP phones, makes the GS980M Series ideal for applications at the network edge.

Allied Telesis GS980M. Switch type: Managed, Switch layer: L3. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 48. Full duplex. MAC address table: 16000 entries, Switching capacity: 104 Gbit/s. Networking standards: IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE.... Power over Ethernet (PoE). Rack mounting, Form factor: 1U

Management features		Security	
Switch type *	Managed	Loop protection	✓
Switch layer	L3	BPDU filtering/protection	✓
Quality of Service (QoS) support	✓	Authentication	MAC-based authentication, Port-based authentication, Web-based authentication
Web-based management	✓	Password protection	✓
Configuring Location Settings (CLI)	✓	Authentication type	AAA, IEEE 802.1x, Network Access Control (NAC), RADIUS
System event log	✓		
MIB support	SNMP MIB		
Ports & interfaces		Multicast features	
Basic switching RJ-45 Ethernet ports quantity *	48	Multicast support	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Protocols	
SFP module slots quantity	4	Routing protocols	RIP, RIP-2
Network		Design	
Networking standards *	IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Rack mounting *	✓
10G support *	✗	Form factor	1U
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T	Product colour	Grey
Port mirroring	✓	Performance	
Full duplex	✓	Memory type	DDR-SDRAM
IP routing	✓	Internal memory	512 MB
Flow control support	✓	Flash memory	128 MB
Link aggregation	✓	Noise level	42 dB
Broadcast storm control	✓	Power	
Spanning tree protocol	✓	Power source *	AC
IPv4 routes	16	Power supply included *	✓
IPv6 routes	16	Power consumption (max)	48 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	Port-based VLAN, Private VLAN, Protocol-based VLAN, Tagged VLAN, Voice VLAN	Power over Ethernet (PoE) *	✓
Number of VLANs	4094	Power over Ethernet (PoE) ports quantity	48
		Power over Ethernet plus (PoE+) ports quantity	24
		Power over Ethernet (PoE) power per port	48 W

Optical fiber		Power over Ethernet (PoE)	
Fiber ethernet cabling technology	100BASE-X, 1000BASE-X	Total Power over Ethernet (PoE) budget	740 W
Data transmission		Operational conditions	
Switching capacity *	104 Gbit/s	Operating temperature (T-T)	0 - 50 °C
Forwarding rate	77.4 Mpps	Storage temperature (T-T)	-25 - 70 °C
MAC address table *	16000 entries	Operating relative humidity (H-H)	5 - 90%
Latency (10-100 Mbps)	6.8 µs	Storage relative humidity (H-H)	5 - 95%
Latency (1 Gbps)	3.8 µs	Operating altitude	0 - 3048 m
Static route	✓	Heat dissipation	164 BTU/h
Jumbo frames support	✓	Weight & dimensions	
Packet buffer memory	3 MB	Width	441 mm
Security		Depth	359 mm
DHCP features	DHCP client, DHCP snooping	Height	44 mm
Access Control List (ACL)	✓	Weight	5.8 kg
IGMP snooping	✓	Packaging data	
Security algorithms	3DES, AES, MD5, PEAP, RSA, SHA-1, SHA-2, SNMP, SNMPv2, SNMPv3, SSH, SSH-2, SSL/TLS, TTLS	Package width	575 mm
MAC address filtering	✓	Package depth	520 mm
SSH/SSL support	✓	Package height	150 mm
		Package weight	7.8 kg



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Catalog Object Cloud



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