

Allied Telesis CentreCOM AT-GS980MX/28PSm(AT-GS980MX/28PSM-30)

Allied Telesis CentreCOM AT-GS980MX/28PSm - Switch - L3 - Managed - 20 x 10/100/1000 (PoE+) + 4 x 100/1000/2.5G/5G (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ - rack-mountable - PoE+ (370 W)

Allied Telesis GS980MX Series are high-performing, feature-rich, and versatile for today's networks. With Gigabit/Multi-Gigabit ports and 10 Gigabit uplinks, plus the power of Allied Telesis Virtual Chassis Stacking (VCStack), the GS980MX Series enable flexible deployment and a resilient solution.



Key Selling Points

- AlliedWare Plus Enterprise-class operating system
- Autonomous Management Framework (AMF) edge node
- Vista Manager EX compatible
- AMF-Security compatible
- VCStack up to 4 switches
- VCStack LD for long distance stacking
- EPSR transit node
- 10 Gigabit uplinks
- Continuous PoE
- Active Fiber Monitoring (AFM)
- IPv6 features
- Eco-friendly
- Device GUI for web-based management

Product Features

- Enhanced security**
With a comprehensive suite of encryption algorithms including 128-bit AES, 192-bit AES, and up to 512-bit SHA-2, the Allied Telesis CentreCOM AT-GS980MX/28PSm ensures secure data transmission across your network, safeguarding sensitive information against unauthorized access.
- Robust performance**
Boasting a switching fabric bandwidth of 160 Gbps and a forwarding rate of 119 Mpps, this switch is engineered to handle high volumes of traffic, ensuring efficient data flow and minimizing latency across your network.
- Advanced management features**
Equipped with Allied Telesis Management Framework (AMF), SNMP support, and remote management protocols such as SSH and HTTPS, this switch offers simplified network management and configuration, enabling seamless integration and maintenance of your network infrastructure.
- Comprehensive VLAN support**
With support for up to 4094 configurable VLANs and features like GVRP, PVST+, and VLAN tagging, the AT-GS980MX/28PSm provides extensive network segmentation options, enhancing network security and performance.
- Power over Ethernet Plus (PoE+)**
With a PoE budget of 370 W and support for PoE+, this switch facilitates flexible deployment of network devices such as wireless access points and IP cameras by delivering power and data over a single Ethernet cable, reducing cabling complexity and costs.

Main Specifications

Product Description	Allied Telesis CentreCOM AT-GS980MX/28PSm - switch - 28 ports - Managed - rack-mountable
Device Type	Switch - 28 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U

Subtype	Gigabit Ethernet
Ports	20 x 10/100/1000 (PoE+) + 4 x 100/1000/2.5G/5G (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+
Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Switching fabric bandwidth: 160 Gbps Forwarding rate: 119 Mpps Latency (10 Gbps): 1.63 μs Latency (5 Gbps): 4.97 μs Latency (2.5 Gbps): 7.41 μs Latency (1 Gbps): 7.63 μs Latency (100 Mbps): 8.29 μs
Capacity	Buffer capacity (MB): 1.5 Configurable VLANs: 4094 Priority queues: 8
MAC Address Table Size	16K entries
Jumbo Frame Support	10KB
Routing Protocol	RIP, RIP-2, IGMPv2, IGMP, IGMPv3, static IPv4 routing, static IPv6 routing, MLDv2, MLD, CIDR
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI, SMTP
Features	Flow control, ARP support, OSCP support, VLAN support, IGMP snooping, port mirroring, DiffServ support, MAC address filtering, STNP support, RSTP support, MSTP support, DHCP snooping, ACL support, QoS, MLD snooping, DAI, PVST+, STP Root Guard, RSPAN, SNMP trap, DHCP client, MIB, MAC address lockout, GVRP, NAC, loop prevention, port isolation, SP, 802.1x authentication, VoIP support, IP source guard, EPSRing, VCStack, Logical Link Control, ICMP, CPP, SCP, AMF, BIST, DDM, MAC address authentication, NTP, Active Fiber Monitoring, AAA, IGMP querier, VLAN mirroring, Voice VLAN, LLDP-MED, Private VLAN, storm protection, Guest VLAN, WRR, loopback detection, VLAN Tagging, BPDU Guard, eco-friendly button
Compliant Standards	IEEE 802.2, IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ac, IEEE 802.1s, IEEE 802.1v, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.1AX
Power	AC 100-240 V (50/60 Hz)
Dimensions (WxDxH)	44.1 cm x 42.1 cm x 4.4 cm
Weight	5.6 kg
Localisation	United Kingdom
Manufacturer Warranty	5-year warranty

Extended Specification

Power

Power Device	Internal power supply
Installed Qty	1
Voltage Required	AC 100-240 V (50/60 Hz)

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	50 °C
Humidity Range Operating	5 - 90% (non-condensing)
Min Storage Temperature	-25 °C
Max Storage Temperature	70 °C
Humidity Range Storage	5 - 95% (non-condensing)

General

Device Type	Switch - 28 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	20 x 10/100/1000 (PoE+) + 4 x 100/1000/2.5G/5G (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+

Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Switching fabric bandwidth: 160 Gbps Forwarding rate: 119 Mpps Latency (10 Gbps): 1.63 µs Latency (5 Gbps): 4.97 µs Latency (2.5 Gbps): 7.41 µs Latency (1 Gbps): 7.63 µs Latency (100 Mbps): 8.29 µs
Capacity	Buffer capacity (MB): 1.5 Configurable VLANs: 4094 Priority queues: 8
MAC Address Table Size	16K entries
Jumbo Frame Support	10KB
Max Units In A Stack	4
Routing Protocol	RIP, RIP-2, IGMPv2, IGMP, IGMPv3, static IPv4 routing, static IPv6 routing, MLDv2, MLD, CIDR
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI, SMTP
Encryption Algorithm	DES, Triple DES, RSA, MD5, SHA-1, SSL 3.0, SSL 2.0, PEAP, TTLS, DSA, ECDSA, AES-ECB, PKI, 128-bit AES, 192-bit AES, 256-bit AES, AES-CBC, SHA-2, 256-bit SHA-2, 384-bit SHA-2, 512-bit SHA-2, TLS 1.2, AES-CFB, AES-OFB, RNG, 224-bit SHA-2, CCM, CMAC, GCM, XTS, DRBG
Authentication Method	RADIUS, X.509 certificates, Secure Shell v.2 (SSH2), Extensible Authentication Protocol (EAP)
Features	Flow control, ARP support, OSCP support, VLAN support, IGMP snooping, port mirroring, DiffServ support, MAC address filtering, SNTP support, RSTP support, MSTP support, DHCP snooping, ACL support, QoS, MLD snooping, DAI, PVST+, STP Root Guard, RSPAN, SNMP trap, DHCP client, MIB, MAC address lockout, GVRP, NAC, loop prevention, port isolation, SP, 802.1x authentication, VoIP support, IP source guard, EPSRing, VCStack, Logical Link Control, ICMP, CPP, SCP, AMF, BIST, DDM, MAC address authentication, NTP, Active Fiber Monitoring, AAA, IGMP querier, VLAN mirroring, Voice VLAN, LLDP-MED, Private VLAN, storm protection, Guest VLAN, WRR, loopback detection, VLAN Tagging, BPDU Guard, eco-friendly button
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RAM	1 GB DDR3 SDRAM
Flash Memory	256 MB
Status Indicators	PoE, link/activity, SFP+

Miscellaneous

Cables Included	1 x RJ-45 to DB-9 cable - 2 m
Compliant Standards	FCC Class A certified, UL, cUL, EN 61000-3-2, EN 61000-3-3, EN55024, AS/NZS 60950-1, RoHS, UL 60950-1, EN 60950-1, EN 60825-1, CAN/CSA C22.2 No. 60950-1-03, VCCI Class A, China RoHS, EN 55022 Class A
Localisation	United Kingdom

Dimensions & Weight (Shipping)

Shipping Width	56.3 cm
Shipping Depth	53.4 cm
Shipping Height	12.8 cm
Shipping Weight	7.6 kg

Dimensions & Weight

Width	44.1 cm
Depth	42.1 cm
Height	4.4 cm
Weight	5.6 kg

Manufacturer Warranty

Service & Support	Limited warranty - 5 years
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Software / System Requirements

Software Included	Alliedware Plus
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Expansion / Connectivity

Interfaces	20 x 10/100/1000 Base-T (PoE+) RJ-45 30 W 4 x 100/1000/2.5G/5G (PoE+) RJ-45 30 W 4 x 1/10Gbit LAN SFP+ uplink 1 x console RJ-45 1 x USB Type A
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