

ALLIED TELESIS AT-X230-28GT-50



DESCRIPTION

The Allied Telesis x230 Series of Layer 3 Gigabit switches offers an impressive set of features in a compact design, ready for flexible deployment at the network edge. Gigabit to the desktop ensures maximum network performance for demanding applications.

The Power over Ethernet (PoE+) models are ideal for connecting and remotely powering access and security devices. PoE+ provides up to 30 Watts to support high power connected edge devices such as multi-band wireless access points and pan-tilt-zoom (PTZ) digital security cameras, supporting the growth of wireless networking and digital video surveillance.

The fully featured AlliedWare Plus operating system brings a host of powerful features, such as Ethernet Protection Switched Ring (EPSRing) for high-speed ring connectivity, Allied Telesis Management Framework (AMF) for automated management, and eco-friendly Energy Efficient Ethernet (EEE) to reduce running costs.

The x230 Series is perfect for network access connectivity.

The Allied Telesis x230-28GT features 24 x 10/100/1000T ports with 4 SFP Gigabit uplink ports. A full feature-set makes it ideal for applications at the network edge, supporting Gigabit to the desktop for maximum network performance.

TECHNICAL CHARACTERISTICS

Brand : ALLIED TELESIS

Part number : AT-X230-28GT-50

Réseau :

Full duplex : Y

Design :

Certification : UL, cUL, UL-EU, RoHS

10G support : Y

AC input frequency : 50 - 60 Hz

AC input voltage : 100 - 240 V

Access Control List (ACL) : Y

Active link detection : Y

ARP inspection : Y

Authentication : MAC-based authentication, Port-based authentication

Basic switching RJ-45 Ethernet ports quantity : 24

Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)
BPDU filtering/protection : Y
Broadcast storm control : Y
Compatible memory cards : SD, SDHC
Console port : RJ-45
Copper ethernet cabling technology : 10BASE-T, 10GBASE-T, 100BASE-FX, 100BASE-T, 1000BASE-LX, 1000BASE-SX
Country of origin : China
Depth : 231 mm
DHCP features : DHCP client
Electromagnetic compatibility : EN55022 A, FCC A, VCCI A
Fiber ethernet cabling technology : 1000BASE-X, 1000BASELX, 1000BASESX, 1000BASEZX
Fiber optic connector : SFP
Flash memory : 64 MB
Flow control support : Y
Form factor : 1U
Harmonized System (HS) code : 85176990
Heat dissipation : 89 BTU/h
Height : 44 mm
IGMP snooping : Y
Input current : 2.4 A
Internal memory : 256 MB
IP routing : Y
Jumbo frames : 10000
Jumbo frames support : Y
LED indicators : Y
Link aggregation : Y
Loop protection : Y
MAC address filtering : Y
MAC address table : 16000 entries
Management protocols : SNMP
Memory type : DDR-SDRAM
MIB support : SNMP
Multicast support : Y
Networking standards : IEEE 802.1Q, IEEE 802.1v, IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ad, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Noise level : 34 dB
Number of queues : 8
Operating altitude : 0 - 3048 m
Operating relative humidity (H-H) : 5 - 90%
Operating temperature (T-T) : 0 - 50 °C
Packet buffer memory : 1.5 MB
Physical stacking (units) : 32
Port mirroring : Y
Power consumption (max) : 26 W
Power over Ethernet (PoE) : N
Product colour : Grey
Quality of Service (QoS) support : Y
Rack mounting : Y
Rate limiting : Y
Safety : UL60950-1, CAN/CSA-C22.2 # 60950-1-03, EN60950-1, EN60825-1, AS/NZS 60950.1
Security algorithms : 802.1x RADIUS, EAP, HTTPS, MD5, PEAP, SNMP, SSH, SSH-2, SSL/TLS
SFP module slots quantity : 4
Spanning tree protocol : Y

SSH/SSL support : Y
Stackable : Y
Storage relative humidity (H-H) : 5 - 95%
Storage temperature (T-T) : -25 - 70 °C
Supported network protocols : IPv6, IPv4, DHCP, NTPv6, STP, BDPU, IP, ICMP, ARP, LLDP, SNMP, MSTP, RSTP, RIP, TLS,TTLS,PEAP, MD5, Telnet, GVRP
Switch layer : L3
Switch type : Managed
Switching capacity : 56 Gbit/s
System event log : Y
Throughput : 41.7 Mpps
Traffic classification : Y
Transmission distance (max) : 80 km
Virtual LAN features : Private VLAN
VLAN support : Y
Web-based management : Y
Weight : 2.4 kg
Width : 341 mm