

Allied Telesis AT X530L-28GTX(AT-X530L-28GTX-30)

Allied Telesis AT X530L-28GTX - Switch - L3 - Managed - 24 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink) - rack-mountable



The Allied Telesis x530L series are a high-performing and feature-rich choice for today's networks. AMF secure mode increases network security with management traffic encryption, authorization and monitoring. A secure network environment is guaranteed. The x530L series offers powerful control over network traffic types, secure management options, loop guard to protect against cabling mistakes, and tri-authentication for comprehensive access control. The x530L series was designed with reliability in mind, and guarantees continual delivery of essential services.

Main Specifications

Product Description	Allied Telesis AT X530L-28GTX - switch - 28 ports - Managed - rack-mountable
Device Type	Switch - 28 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink)
Performance	Switching capacity: 128 Gbps Forwarding rate: 95.2 Mpps Stacking bandwidth: 40 Gbps Latency (10 Mbps): 29.91 Latency (100 Mbps): 6.06 Latency (1 Gbps): 3.98 Latency (10 Gbps): 1.63
Capacity	Virtual interfaces (VLANs): 4094 Packet buffer size: 3 MB OpenFlow flows: up to 1250
MAC Address Table Size	16K entries
Jumbo Frame Support	10KB
Routing Protocol	OSPF, RIP, BGP-4, RIP-2, BGP, IGMPv2, IGMP, VRRP, OSPFv2, PIM-SM, static IP routing, PIM-DM, IGMPv3, OSPF for IPv6, OSPFv3, PIM-SSM, ECMP, policy-based routing (PBR), RIPng, MLDv2, MLD, VRRPv3, CIDR, MSTP, RSTP
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI, SLP, SCP, SNMP 6, SSH 6, SFTP, SMTP, NTP, ICMP, DHCP, IPv6, RSTP, TACACS+, RADIUS
Features	DHCP support, BOOTP support, ARP support, OCSP support, Syslog support, DoS attack prevention, DiffServ support, SNTP support, sFlow, DHCP snooping, ACL support, QoS, MLD snooping, DAI, PVST+, STP Root Guard, UDLD, LACP support, LLDP support, DHCP relay, RSPAN, DNS relay, DHCP client, Energy Efficient Ethernet, MIB, NAC, GVRP, 802.1x authentication, ERPS, MLD proxy, IP source guard, EPSRing, VCStack, BPDU, ICMP, black hole routing, CPP, AMF, BIST, Cable fault locator (TDR), DDM, AAA, Loop Guard, VLAN mirroring, DNS client, NTP client, CFM, LLDP-MED, storm protection, UDP, proxy ARP, EEE, VACM, router advertisement guard, PPP
Compliant Standards	IEEE 802.2, IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.3ac, IEEE 802.1s, X.509, IEEE 802.1ad, IEEE 802.1v, ANSI/TIA-1057, IEEE 802.1ag, IEEE 802.1ab (LLDP), IEEE 802.3at, IEEE 802.3az, IEEE 802.1AX, ITU-T G.8032
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	44.1 cm x 32.3 cm x 4.4 cm
Weight	4.4 kg
Localisation	United Kingdom

Extended Specification

General

Device Type	Switch - 28 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable 1U
Subtype	Gigabit Ethernet
Ports	24 x 10/100/1000 (PoE+) + 4 x 1 Gigabit / 10 Gigabit SFP+ (uplink)
Performance	Switching capacity: 128 Gbps Forwarding rate: 95.2 Mpps Stacking bandwidth: 40 Gbps Latency (10 Mbps): 29.91 Latency (100 Mbps): 6.06 Latency (1 Gbps): 3.98 Latency (10 Gbps): 1.63
Capacity	Virtual interfaces (VLANs): 4094 Packet buffer size: 3 MB OpenFlow flows: up to 1250
MAC Address Table Size	16K entries
Jumbo Frame Support	10KB
Max Units In A Stack	4
Routing Protocol	OSPF, RIP, BGP-4, RIP-2, BGP, IGMPv2, IGMP, VRRP, OSPFv2, PIM-SM, static IP routing, PIM-DM, IGMPv3, OSPF for IPv6, OSPFv3, PIM-SSM, ECMP, policy-based routing (PBR), RIPng, MLDv2, MLD, VRRPv3, CIDR, MSTP, RSTP
Remote Management Protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI, SLP, SCP, SNMP 6, SSH 6, SFTP, SMTP, NTP, ICMP, DHCP, IPv6, RSTP, TACACS+, RADIUS
Encryption Algorithm	DES, Triple DES, RSA, MD5, TLS, SHA-1, SSL 3.0, SSL 2.0, PEAP, TTLS, SHA-2, TLS 1.2, CRL
Authentication Method	Secure Shell (SSH), RADIUS, X.509 certificates, TACACS+, Secure Shell v.2 (SSH2) , Extensible Authentication Protocol (EAP)
Features	DHCP support, BOOTP support, ARP support, OCSP support, Syslog support, DoS attack prevention, DiffServ support, SNTP support, sFlow, DHCP snooping, ACL support, QoS, MLD snooping, DAI, PVST+, STP Root Guard, UDLD, LACP support, LLDP support, DHCP relay, RSPAN, DNS relay, DHCP client, Energy Efficient Ethernet, MIB, NAC, GVRP, 802.1x authentication, ERPS, MLD proxy, IP source guard, EPSRing, VCStack, BPDU, ICMP, black hole routing, CPP, AMF, BIST, Cable fault locator (TDR), DDM, AAA, Loop Guard, VLAN mirroring, DNS client, NTP client, CFM, LLDP-MED, storm protection, UDP, proxy ARP, EEE, VACM, router advertisement guard, PPP
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RAM	1 GB DDR3 SDRAM
Flash Memory	256 MB
Status Indicators	Status, fault

Expansion / Connectivity

Interfaces	24 x 10/100/1000 Base-T RJ-45 4 x 1000Base-X/10GBase-X SFP+ uplink 2 x network stack device
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Miscellaneous

Compliant Standards	FCC Class A certified, UL, cUL, EN 61000-3-2, EN 61000-3-3, EN55024, AS/NZS 60950-1, ICES-003 Class A, UL 60950-1, EN 60950-1, EN 60825-1, CAN/CSA C22.2 No. 60950-1-03, VCCI Class A, China RoHS, EN 55032 Class A, EU RoHS
Localisation	United Kingdom

Power

Power Device	Internal power supply
Installed Qty	2

Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	39 Watt

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)

Dimensions & Weight

Width	44.1 cm
Depth	32.3 cm
Height	4.4 cm
Weight	4.4 kg

Dimensions & Weight (Shipping)

Shipping Width	57.7 cm
Shipping Depth	44 cm
Shipping Height	15.3 cm
Shipping Weight	6.3 kg

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet