

Allied Telesis AT-X530L-52GTX-10 network switch Managed L3 Gigabit Ethernet (10/100/1000) Grey



Brand : Allied Telesis

Product code: AT-X530L-52GTX-10

Product name : AT-X530L-52GTX-10

48-port 10/100/1000T stackable switch with 4 SFP+ ports and 2 fixed power supplies

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Stackable Intelligent Layer 3 Switches

The Allied Telesis x530L Series stackable Layer 3 switches feature high capacity, resiliency and easy management. With both Multi-Gigabit and high port density models, plus Power over Ethernet, they are the ideal choice for network access applications.

Allied Telesis AT-X530L-52GTX-10. 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: 176 Gbit/s. Networking standards: IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1v, IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE.... Rack mounting

Management features		Multicast features	
Switch type *	Managed	Multicast support	✓
Switch layer	L3	Design	
Quality of Service (QoS) support	✓	Rack mounting *	✓
Web-based management	✓	Stackable *	✓
Configuring Location Settings (CLI)	✓	Product colour	Grey
Ports & interfaces		Electromagnetic compatibility	EN55032 A, FCC A, VCCI A, ICES-003 A
Basic switching RJ-45 Ethernet ports quantity *	48	Performance	
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Physical stacking (units)	4
SFP+ module slots quantity	4	Memory type	DDR3-SDRAM
Network		Internal memory	1024 MB
Networking standards *	IEEE 802.1Q, IEEE 802.1ab, IEEE 802.1ad, IEEE 802.1v, IEEE 802.2, IEEE 802.3, IEEE 802.3ab, IEEE 802.3ac, IEEE 802.3ae, IEEE 802.3af, IEEE 802.3at, IEEE 802.3az, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z	Flash memory	256 MB
		Noise level	42 dB
10G support *	✓	Power	
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power source *	AC
Port mirroring	✓	Power supply included *	✓
Full duplex	✓	AC input voltage	90 - 264 V
Flow control support	✓	AC input frequency	50/60 Hz
Auto-negotiation	✓	Power consumption (max)	950 W
VLAN support	✓	Power over Ethernet (PoE)	
Virtual LAN features	Private VLAN, Tagged VLAN	Power over Ethernet (PoE) *	✗
Number of VLANs	4094	Operational conditions	
Optical fiber		Operating temperature (T-T)	0 - 50 °C
Fiber ethernet cabling technology	100BASE-X, 1000BASE-X	Storage temperature (T-T)	-25 - 70 °C
Data transmission		Operating relative humidity (H-H)	5 - 90%
Switching capacity *	176 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Forwarding rate	130.9 Mpps	Operating altitude	0 - 3048 m
MAC address table *	16000 entries	Heat dissipation	205 BTU/h
Latency (10-100 Mbps)	8.34 µs	Weight & dimensions	
		Width	441 mm
		Depth	323 mm
		Height	44 mm
		Weight	5.2 kg

Data transmission		Packaging content	
Latency (1 Gbps)	5.27 μs	Quick start guide	✓
Latency (10 Gbps)	1.67 μs	User guide	✓
Jumbo frames support	✓	Manual	✓
Jumbo frames	10000	Packaging data	
Packet buffer memory	3 MB		
Security		Package width	577 mm
		Package depth	440 mm
DHCP features	DHCPv6 client, DHCPv6 relay, DHCPv6 server	Package height	153 mm
Access Control List (ACL)	✓	Package weight	7.1 kg
IGMP snooping	✓	Certificates	
Security algorithms	HTTPS, PEAP, SHA-2, SNMP, SSH-2, SSL/TLS, TTLS		
MAC address filtering	✓	Certification	UL, cUL, RoHS, UL60950-1, CAN/CSA-C22.2 No. 60950-1-03, EN60950-1, EN60825-1, AS/NZS, 60950.1
Loop protection	✓		
BPDU filtering/protection	✓		
Authentication	Guest VLAN, MAC-based authentication, Web-based authentication		
Password protection	✓		
Authentication type	IEEE 802.1x		



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