

Allied Telesis AT-x510DP-52GTX Managed L3 Gigabit Ethernet (10/100/1000) 1U Black



Brand : Allied Telesis

Product code: 990-003848-00

Product name : AT-x510DP-52GTX

Stackable Gigabit Top of Rack Datacenter Switch with 48 x 10/100/1000T, 4 x 10G SFP+ ports, Dual Hot Swappable PSU, Back to Front Cooling

Allied Telesis AT-x510DP-52GTX Managed L3 Gigabit Ethernet (10/100/1000) 1U Black:

The Allied Telesis AT-x510DP-52GTX is the ideal Data Center Top-of-Rack (ToR) switch, featuring 48 x 10/100/1000T ports and 4 x 10G SFP+ uplink ports for high speed server and storage connectivity.

Dual hot-swappable load-sharing AC or DC power supplies with reverse airflow guarantee maximum uptime. Allied Telesis VCStack allows multiple units to be connected as a single virtual chassis, creating a highly resilient solution with no single point of failure that can even be distributed over long distances. The AT-x510DP-52GTX is the perfect choice for critical Data Center applications requiring uninterrupted service.

Management features		Security	
Switch type *	Managed	Access Control List (ACL)	✓
Switch layer	L3	IGMP snooping	✓
Quality of Service (QoS) support	✓	Multicast features	
Web-based management	✓	Multicast support	✓
Ports & interfaces		Design	
Basic switching RJ-45 Ethernet ports quantity *	48	Rack mounting *	✓
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)	Stackable *	✓
Gigabit Ethernet (copper) ports quantity	48	Form factor	1U
SFP/SFP+ slots quantity	4	Product colour	Black
SFP module slots quantity	4	LED indicators	✓
Console port	RJ-45	Number of fans	1 fan(s)
Power connector	DC-in jack	Performance	
Network		Noise level	44 dB
Networking standards *	IEEE 802.1ab, IEEE 802.1D, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1s, IEEE 802.1v, IEEE 802.1x, IEEE 802.3, IEEE 802.3ac	Power	
		Number of power supply units	1
		AC input voltage	90 - 260 V
		AC input frequency	50 - 60 Hz
10G support *	✓	Power consumption (typical)	95 W
Copper ethernet cabling technology	1000BASE-T, 100BASE-T, 10BASE-T	Power over Ethernet (PoE)	
Full duplex	✗	Power over Ethernet (PoE) *	✗
Head-of-line (HOL) blocking	✗	Operational conditions	
VLAN support	✓	Operating temperature (T-T)	0 - 45 °C
Number of VLANs	4000	Storage temperature (T-T)	-25 - 70 °C
Data transmission		Weight & dimensions	
Switching capacity *	176 Gbit/s	Width	440 mm
MAC address table *	16000 entries	Depth	480 mm
Latency (1 Gbps)	6.7 µs	Height	44 mm
Latency (10 Gbps)	4.9 µs	Weight	5.7 kg
Security		Certificates	
DHCP features	DHCP server, DHCP client	Certification	UL, cUL, TUV
		Logistics data	
		Harmonized System (HS) code	85176990



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