

# Stackable Gigabit Top of Rack Datacenter Switch with 48 x 10/100/1000T, 4 x 10G



## DESCRIPTION

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.

## TECHNICAL CHARACTERISTICS

Brand : ALLIED TELESIS

Part number : AT-X510DP-52GTX

### Réseau :

Full duplex : N

### Design :

Certification : UL, cUL, TUV

10G support : Y

AC input frequency : 50 - 60 Hz

AC input voltage : 90 - 260 V

Access Control List (ACL) : Y

Basic switching RJ-45 Ethernet ports quantity : 48

Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)

Console port : RJ-45

Copper ethernet cabling technology : 1000BASE-T, 100BASE-T, 10BASE-T

Depth : 480 mm

DHCP features : DHCP server, DHCP client

Form factor : 1U

Gigabit Ethernet (copper) ports quantity : 48

Harmonized System (HS) code : 85176990

Head-of-line (HOL) blocking : N

Height : 44 mm

IGMP snooping : Y
Latency (1 Gbps) : 6.7 $\mu$ s
Latency (10 Gbps) : 4.9 $\mu$ s
LED indicators : Y
MAC address table : 16000 entries
Multicast support : Y
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
Noise level : 44 dB
Number of fans : 1 fan(s)
Number of power supply units : 1
Number of VLANs : 4000
Operating temperature (T-T) : 0 - 45 °C
Power connector : DC-in jack
Power consumption (typical) : 95 W
Power over Ethernet (PoE) : N
Product colour : Black
Quality of Service (QoS) support : Y
Rack mounting : Y
SFP module slots quantity : 4
SFP/SFP+ slots quantity : 4
Stackable : Y
Storage temperature (T-T) : -25 - 70 °C
Switch layer : L3
Switch type : Managed
Switching capacity : 176 Gbit/s
VLAN support : Y
Web-based management : Y
Weight : 5.7 kg
Width : 440 mm