

Allied Telesis AT-x550- 18XSPQm-50 Managed 10G Ethernet (100/1000/10000) Power over Ethernet (PoE) Silver



Model: AT-X550-18XSPQM-50

Manufacturer: ALLIED TELESIS

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Product Code: 1059438

R127,860

The Allied Telesis x550 Series of stackable 10 Gigabit Layer 3 switches have capacity and resiliency coupled with easy management, meeting the needs of even the most demanding network core and distribution applications.

Overview

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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Allied Telesis x550 switches are high performing and feature-rich, making them the ideal choice for today's networks. They offer a range of versatile solutions for many different Enterprise applications.

Three models provide 16 x 1G/10G copper, 16 x 1G/10G SFP+ slots, or 8 x 1G/2.5G/5G/10G copper and 8 x 1G/10G SFP+ slots, all with two 40G uplinks. With the power of Allied Telesis Virtual Chassis Stacking (VCStack™), the x550 Series is ideal for the network core, and demanding distribution applications.

Powerful network management

Allied Telesis Autonomous Management Framework™ (AMF) automates many everyday tasks including configuration management, to ease the workload of modern converged networks. The entire network can be managed as a single virtual device with powerful centralized features.

Network expansion is effortless with plug-and-play simplicity, and network node recovery is fully zero-touch. AMF Guestnode allows third party devices, such as IP phones and security cameras, to be part of an AMF network.

Resiliency

Converging network services means increasing demand for highly available networks with minimal downtime. VCStack, in conjunction with link aggregation, provides a network with no single point of failure, and provides access application resiliency.

Ethernet Protection Switched Ring (EPSRing™), and the standards-based G.8032 Ethernet Ring Protection, ensure distributed networks have high-speed access to online resources and applications.

The x550 Series can form a VCStack of up to four units for enhanced resiliency and simplified device management. Stacking links can use any port speed, so the stack can be configured to suit specific needs.

Long distance stacking (VCStack LD), which enables stacks to be created over long distance fiber links, combines with full EPSRing support to make the x550 Series the perfect choice for distributed environments too.

High-speed wireless

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The spread of high-speed wireless (802.11ac or “Wave2”) is problematic for network infrastructure. Unless the infrastructure is upgraded to cope with increased speeds, it creates a bottleneck which negatively impacts the effectiveness of the wireless network.

But increasing speeds from 1 Gigabit has traditionally meant moving to 10 Gigabit. This requires new cabling, which is expensive and time consuming to install.

The x550-18XSPQm solves these issues because it provides support for 2.5 and 5 Gigabit. At this speed, the wireless network runs at full capacity, and there is no need to replace existing Cat5E and Cat6 cables.

Secure

A secure network environment is guaranteed. The x550 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.

Future-proof

The x550 Series ensures a future-proof network, with superior flexibility coupled with the ability to stack multiple units. All x550 Series models feature 40 Gigabit uplinks ports, and support OpenFlow and a comprehensive IPv6 feature set, to ensure they are ready for SDN and future network traffic demands.

Environmentally friendly

The x550 Series supports Energy Efficient Ethernet (EEE), automatically reducing the power consumed by the switch whenever there is no traffic on a port. This sophisticated feature can significantly reduce operating costs by reducing the power requirements of the switch and any associated cooling equipment.