

Allied Telesis AT-x950-52XSQ-B01 Managed L3+ 1U Grey

Model: AT-X950-52XSQ

Manufacturer: ALLIED TELESIS

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Product Code: 1223279

R432,392

Expandable 10G/40G/100G Stackable Layer 3+ Switches

Allied Telesis x950 Series switches are ideal for the modern enterprise network core, where stacking creates a resilient local or distributed solution. These powerful switches support 100 Gigabit connectivity, and provide the capacity that today’s Smart City and IoT networks need.

Overview

x950 Series switches feature a high-performing 1.92 Terabit fabric, to eliminate bottlenecks and effortlessly forward all traffic.

x950 switches feature 24 or 48 x 1/10 Gigabit SFP+ ports, or 24 or 48 x 1/2.5/5/10 Gigabit copper ports to enable flexible deployment, while 4 x built-in 40G/100G ports provide high-speed backbone

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connectivity. 24-port models also feature an expansion (XEM) bay to easily add more capacity. Stack multiple units for a future-proof network.

Smart City and IoT networks

Large switching and routing tables support Smart City networks and the Internet of Things (IoT). The x950 Series meets the increasing demand for the convergence of multiple services.

Network automation

Allied Telesis Autonomous Management Framework™ (AMF) meets the increasing management requirements of modern converged networks, by automating many everyday tasks. AMF has powerful features that allow an entire network to be easily managed as a single virtual device.

Vista Manager™ EX is an intuitive graphical tool for monitoring and managing AMF wired and Autonomous Wave Control (AWC) wireless devices. Full visibility and powerful features enable proactive management of large networks.

Device and network management

The Device GUI on the x950 Series enables graphical monitoring of key switch features to support easy management.

Integrated into the Device GUI, Vista Manager mini supports visibility and management of AMF wired and AWC wireless network devices, making it ideal as a one-stop solution for small to medium-sized networks.

AWC is an intelligent, easy to use Wireless LAN controller that automatically maintains optimal wireless coverage. Vista Manager mini includes AWC floor and heat maps showing wireless coverage. It also supports AWC Channel Blanket hybrid operation, providing maximum performance and seamless roaming, as well as AWC Smart Connect for simplified deployment, and a resilient Wi-Fi network solution using wireless uplink connectivity.

Secure

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The x950 Series is packed with advanced security features to protect the network—from the edge to the core. This includes powerful control over network traffic types and protection against attacks.

Resilient

The convergence of network services has led to increasing demand for highly-available networks with minimal downtime. Virtual Chassis Stacking (VCStack™), in conjunction with link aggregation, provides a network with no single point of failure, and a resilient solution for high-availability applications. The x950 Series can form a VCStack of up to eight units, at any port speed, for enhanced resiliency and simplified management. With VCStack over Long Distance (VCStack LD), stacks can also be created over long distance fiber links, making it the perfect choice for distributed environments too.

Allied Telesis Ethernet Protection Switched Ring (EPSRing™) and the standards-based G.8032 Ethernet Ring Protection, ensure that distributed network segments have high-speed, resilient access to online resources and applications.

Reliable

Designed with reliability in mind, the x950 Series guarantees the continual delivery of essential services. Hot-swappable components, such as XEMs, fans and load-sharing power supplies, pair with near-hitless online stack reconfiguration to ensure that maintenance doesn’t affect network uptime.

Environmentally friendly

The x950 Series supports Energy Efficient Ethernet (EEE), automatically reduces power consumption whenever there is no traffic on a port, reducing operating costs.

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