



This switch supports high port density, allowing you to connect servers of any configuration and build networks with any bandwidth requirements. Uplinks with adjustable blocking rates allow you to adapt solutions to specific needs: from medium-load applications to cost-effective configurations.

Maximum Performance

The SW-ALHA-SN54-S01-X series is based on the Spectrum-3 chip—an application-specific integrated circuit (ASIC) that provides bidirectional switching capacity of up to 23.2 Tbps, supports wire-speed, and cut-through switching with minimal latency. To reduce losses during peak loads, a shared 64 MB on-chip buffer is provided.

Infrastructure management suite

The integrated distributed infrastructure management suite provides comprehensive capabilities for monitoring, managing, and automating IT infrastructure in real time. It supports telemetry collection and network status display with visualization of topology, latency, losses, and anomalies. Path analysis tools (traceroute), packet tracing, configuration verification, and support for network protocols (BGP, OSPF, EVPN/VXLAN) provide flexible and precise monitoring of network interactions.

Gain agility

Open Ethernet concept, users can install various network operating systems, eliminating vendor lock-in and giving complete control over the network architecture. This makes the switch an attractive choice for large cloud platforms, hyperconverged solutions, next-generation storage, and big data analytics systems. The SW-ALHA-SN54-S01-X is available in various form factors, including top-of-rack and spine-level options, and integrates seamlessly into existing infrastructure thanks to its open software stack and support for industry standards.

For price and configuration requests, please use the feedback form in the contacts section at site www.madtech.ae

