HPE Aruba 6300M Switch 24 Port SFP+ LRM Support 2 Port 50G and 2 Port 25G MACsec Layer 3 Stackable 1U One Touch

Model: R8S92A

Manufacturer: HEWLETT PACKARD ENTERPRISE

EAN: 190017538693

Product Code: 203224

R580,468

The HPE Aruba 6300M 24p SFP+ LRM support and 2p 50G and 2p 25G MACsec Switch is designed to meet the demands of modern network environments, offering high-speed connectivity, robust security features, and efficient management. With its advanced switching capabilities, this device supports a wide range of protocols and standards, ensuring compatibility and optimal performance in diverse setups. The inclusion of 24 SFP+ ports, along with additional high-speed uplink/stacking ports, provides the flexibility needed for scalable network architectures. Security is a priority, with

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multiple authentication methods and extensive ACL support to safeguard against unauthorized access. Management is streamlined through various protocols, allowing for easy configuration and monitoring. Built to operate reliably in a range of environmental conditions, this switch is an ideal choice for organizations looking to enhance their network infrastructure with a durable, high-performance solution.

Product Description: HPE Aruba 6300M 24p SFP+ LRM support and 2p 50G and 2p 25G MACsec Switch - switch - 24 ports - Managed - rack-mountable | Device Type: Switch - 24 ports - L3 - Managed - stackable | Enclosure Type: Front and side to back rack-mountable 1U | Subtype: Gigabit Ethernet | Ports: 24 x 1 Gigabit / 10 Gigabit SFP+ + 2 x 1 Gigabit / 10 Gigabit / 25 Gigabit / 50 Gigabit SFP56 (uplink / stacking) + 2 x 1 Gigabit / 10 Gigabit / 25 Gigabit SFP | Performance: Switching capacity: 880 Gbps Throughput: 660 Gbps Latency (1 Gbps): 4.24 µs Latency (10 Gbps): 1.5 µs Latency (25 Gbps): 2.91 µs Latency (50 Gbps): 3.49 µs Stacking bandwidth: 200 Gbps | Capacity: Switched virtual interfaces (SVIs): 1024 IPv4 host table capacity: 49152 IPv6 host table capacity: 49152 IPv4 routes (Unicast): 61000 IPv6 routes (Unicast): 61000 IPv4 routes (Multicast): 8192 IPv6 routes (Multicast): 8192 IGMP groups: 8192 MLD groups: 8192 IPv4 ACL entries (ingress): 20480 IPv6 ACL entries (ingress): 5120 MAC ACL entries (ingress): 20480 IPv4 ACL entries (egress): 8192 IPv6 ACL entries (egress): 2048 MAC ACL entries (egress): 8192 | MAC Address Table Size: 32768 entries | Jumbo Frame Support: 9198 bytes | Routing Protocol: EGP, BGP-4, IGMPv2, IGMP, VRRP, OSPFv2, IGMPv3, OSPFv3, MSDP, static IPv6 routing, ECMP, MLD, Bidirectional Forwarding Detection (BFD), RSTP, STP, BGP, MSTP, GRE, policy-based routing (PBR), OSPF, PIM-SM | Remote Management Protocol: RMON, Telnet, SNMP 3, SNMP 2c, HTTPS, TFTP, SSH, CLI, SFTP, SNMP | Features: DHCP support, ARP support, VLAN support, auto-uplink (auto MDI/MDI-X), IGMP snooping, Syslog support, High Availability, PVST, MSTP support, ACL support, QoS, Jumbo Frames support, MLD snooping, UDLD, Rapid PVST+, DWRR, LLDP support, MIB, DHCP protection, dual firmware images, MVRP, packet storm protection, CoS, SP, broadcast storm protection, ToS, BPDU, VXLAN, Multicast Storm Protection, NTP, RA guard, ZTP, PIM, VLAN Tagging, RSTP, IPv4 and IPv6 dual stack, IP multicast, Aruba VSF, dynamic IPv6 lockdown, ND snooping, Unicast Storm protection, Microsoft NLB, LRM optics support, 16MB packet buffer, IPv6 support, RSTP support, STP support, fan tray | Compliant Standards: IEEE 802.1D, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.1t, IEEE 802.1v, IEEE 802.1ab (LLDP), IEEE 802.1ak, IEEE 802.1AX | Power: (50/60 Hz) | Power Redundancy: Optional | Dimensions (WxDxH): 44.2 cm x 38.5 cm x 4.4 cm | Weight: 5.47 kg | Manufacturer Warranty: Limited lifetime warranty

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