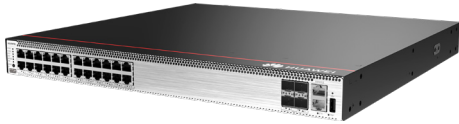


Huawei CloudEngine S5731-S24P4X Layer 3 Switch Stack+Redund.



DESCRIPTION

TECHNICAL CHARACTERISTICS

Brand : HUAWEI
Part number : 02353AHX-003
10G support : No
AC input frequency : 50/60 Hz
AC input voltage : 100 - 240 V
Access Control List (ACL) : Yes
Airflow direction : Front-to-back airflow
ARP inspection : Yes
Authentication : Guest VLAN, MAC-based authentication
Authentication type : AAA, HWTACACS, IEEE 802.1x, NAC SSH V2.0, Network Access Control (NAC), RADIUS
Basic switching RJ-45 Ethernet ports quantity : 24
Basic switching RJ-45 Ethernet ports type : Gigabit Ethernet (10/100/1000)
BPDU filtering/protection : Yes
Cloud-managed : Yes
Console port : RJ-45
Copper ethernet cabling technology : 10BASE-T, 100BASE-T, 1000BASE-T
DC input voltage : 48 - 60 V
Depth : 420 mm
Flash memory : 1024 MB
Form factor : 1U
GARP VLAN Registration Protocol (GVRP) : Yes
Heat dissipation : 324.15 BTU/h
Height : 43.6 mm
IGMP snooping : Yes
Installed SFP+ modules quantity : 4
Internal memory : 2048 MB
IP routing : Yes

IP-MAC-Port binding : Yes
IPv4 & IPv6 features : IPv4 FIB, IPv6 FIB, IPv6 Telnet, IPv6 ping, IPv6 tracert
IPv4 FIB entries : 16000
IPv6 FIB entries : 8000
Loop protection : Yes
MAC address entries : Blackhole MAC address entries, Dynamic MAC address entries, Static MAC address entries
Multicast features : Multicast ports load balancing
Multicast Listener Discovery (MLD) snooping : v1v2
Multicast support : Yes
Noise level : 62.3 dB
Non-operating altitude : 0 - 5000 m
Number of power supply units : 2
Number of VLANs : 4094
Operating altitude : 0 - 5000 m
Operating relative humidity (H-H) : 5 - 95%
Operating temperature (T-T) : -5 - 45 °C
Package weight : 8.6 kg
Password protection : Yes
Policy-based routing : Yes
Power consumption (max) : 121 W
Power consumption (typical) : 95 W
Power over Ethernet (PoE) : Yes
Power source : AC
Power supply included : No
Product colour : Black, Silver
Quality of Service (QoS) support : Yes
Queue scheduling algorithms : DRR+SP, Deficit Round Robin (DRR), Priority queuing (PQ), Weighted random early detection (WRED)
Rack mounting : Yes
Rate limiting : Yes
Redundant power supply (RPS) support : Yes
Routing protocols : BGP, BGP4, BGP4+, IS-IS, MPLS, OSPF, OSPFv2, OSPFv3
Security algorithms : HTTPS, IPSec
Spanning tree protocol : Yes
Stackable : Yes
Static port security : Yes
Static route : Yes
Storage temperature (T-T) : -40 - 70 °C
Switch layer : L3
Switch type : Managed
Total Power over Ethernet (PoE) budget : 977 W
Virtual LAN features : IP subnetbased VLAN, Interface-based VLAN, MAC address-based VLAN, Multiple VXLAN (MUX VLAN), Policy-based VLAN, Protocol-based VLAN, VLAN Identifier (VLAN ID), Voice VLAN
VLAN mapping type : N:1 VLAN mapping
VLAN support : Yes
Web-based management : Yes
Weight : 5.48 kg
Width : 442 mm