



Overview

CloudEngine S5736-S series switches are next-generation standard all-gigabit switches, featuring 24 or 48 PoE/non-PoE GE downlink ports, four 10GE uplink ports, and one extended card slot. Built on the next-generation high-performance hardware and Huawei's Versatile Routing Platform (VRP), CloudEngine S5736-S series stands out with enhanced Layer 3 features, easy Operations and Maintenance (O&M), flexible Ethernet networking, and mature IPv6 features. With these merits, this series is best suited for healthcare, retail, mining, ISP, and other industries.

Quick Specification

Table 1 shows the Quick Specification.

Model	S5736-S24U4XC
Part Number	98011165
Description	S5736-S24U4XC (24 10/100 / 1000Base-T Ethernet port, 4 10 Gigabits SFP +, single sub-card slot, PoE ++, no power supply)
Dimensions (H x W x D)	43.6 mm x 442 mm x 420 mm
Chassis weight (including packaging)	8.1kg
Maximum power consumption	<ul style="list-style-type: none"> • 102W (without PD) • 1919W (with PD, PD power consumption of 1817 W)
Forwarding Performance	240 Mpps
Switching Capacity	448 Gbit/s/1.28 Tbit/s
PoE	Supported

Figure 1 shows the appearance of S5736-S24U4XC.



Get More Information

Do you have any question about the S5736-S24U4XC (98011165)?

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Specification

S5736-S24U4XC Specification	
Model	S5736-S24U4XC
Part Number	98011165
Description	S5736-S24U4XC (24 10/100 / 1000Base-T Ethernet port, 4 10 Gigabits SFP +, single sub-card slot, PoE ++, no power supply)
Fixed port	24 x 10/100/1000Base-T ports (PoE++), 4 x 10 GE SFP+ ports
Extended slot	One extended slot, support 4 x 40GE QSFP+, 2 x 40GE QSFP+ and 8 x 10GE SFP+ cards
Dimensions (H x W x D)	43.6 mm x 442 mm x 420 mm
Chassis height	1 U
Chassis weight (including packaging)	8.1kg
Power supply type	<ul style="list-style-type: none"> • 1000 W AC PoE • 1000 W DC PoE • 600 W AC PoE
Rated voltage range	<ul style="list-style-type: none"> • AC input: 100 V AC to 130 V AC, 200 V AC to 240 V AC, 50/60 Hz • High-voltage DC input: 240 V DC • DC input: -48 V DC ~ -60 V DC
Maximum voltage range	<ul style="list-style-type: none"> • AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz • High-voltage DC input: 190 V DC to 290 V DC (meeting 240 V high-voltage DC certification) • DC input: -38.4V DC ~ -72V DC
Maximum power consumption	<ul style="list-style-type: none"> • 102W (without PD) • 1919W (with PD, PD power consumption of 1817 W)
Noise	<ul style="list-style-type: none"> • Under normal temperature (sound power): 70dB (A) • Under high temperature (sound power): 82.6dB (A) • Under normal temperature (sound pressure): 58dB (A)
Long-term operating temperature	<ul style="list-style-type: none"> • 0-1800 m altitude: -5°C to +45°C • 1800-5000 m altitude: The operating temperature reduces by 1°C every time the altitude increases by 220 m.
Short-term operating temperature	-5°C to +50°C
Storage temperature	-40°C to +70°C
Relative humidity	5% to 95% (non-condensing)
Surge protection specification (service port)	±6 kV in common mode
Surge protection specification (power port)	<ul style="list-style-type: none"> • AC power port: ±6 kV in differential mode, ±6 kV in common mode • DC power port: ±2 kV in differential mode, ±4 kV in common mode
Heat dissipation	Air-cooled heat dissipation and intelligent speed adjustment
Forwarding Performance	240 Mpps
Switching Capacity	448 Gbit/s/1.28 Tbit/s
PoE	Supported





Extended Card Slots	One extended card slot, supporting a 2-port 25GE card, 8-port 10GE optical card, 2-port 40GE optical, or 4-port 40GE optical card
MAC Features	IEEE 802.1d compliance Automatic MAC address learning and aging Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses
VLAN Features	4K VLANs Guest VLAN and voice VLAN GVRP MUX VLAN VLAN assignment based on MAC addresses, protocols, IP subnets, policies, and ports 1:1 and N:1 VLAN mapping
IP Routing	Static route, RIPv1/v2, RIPng, OSPF, OSPFv3, ECMP, IS-IS, IS-ISv6, BGP, and BGP4+
Super Virtual Fabric (SVF)	Plug-and-play SVF clients Automatic software package and patch loading to SVF clients One-click and automatic delivery of service configurations Independent SVF client operation
Interoperability	VBST (compatible with PVST/PVST+/RPVST) LNP (similar to DTP) VCMP (similar to VTP) For detailed interoperability certifications and test reports, click HERE .

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