

Huawei CloudEngine S5735-L-Q-V2 Series Switches Datasheet

Huawei CloudEngine S5735-L-Q-V2 series are simplified gigabit Ethernet switches that provide 8/14/16/24 x GE downlink ports, 4 x GE or 10GE uplink ports.

Introduction

CloudEngine S5735-L-Q-V2 series switches are ideal for scenarios such as enterprise campus network access and gigabit to the desktop. Built on next-generation, high-performance hardware and software platform, CloudEngine S5735-L-Q-V2 switches stand out with compelling features such as intelligent stack (iStack), flexible Ethernet networking, and diversified security control. They support multiple Layer 3 routing protocols and provide high performance and service processing capabilities.

Product Overview

Models and Appearances

The following models are available in the CloudEngine S5735-L-Q-V2 series.

Models and appearances of the CloudEngine S5735-L-Q-V2 series

Models and Appearances	Description
CloudEngine S5735-L8T4X-QA-V2	 8 x 10/100/1000Base-T ports, 4 x 10GE SFP+ ports Built-in AC Forwarding performance: 72 Mpps Switching capacity: 96 Gbps/520Gbps*
CloudEngine S5735-L8P4X-QA-V2	 8 x 10/100/1000Base-T ports, 4 x 10GE SFP+ ports Built-in AC PoE+ Forwarding performance: 72 Mpps Switching capacity: 96 Gbps/520 Gbps*
CloudEngine S5735-L14P2S-QA-V2	 14 x 10/100/1000Base-T ports(PoE+), 2 x GE SFP ports Built-in AC Forwarding performance: 24 Mpps Switching capacity: 32 Gbps/520 Gbps*
CloudEngine S5735-L14P2S-TQA-	 14 x 10/100/1000Base-T ports(PoE+), 2 x GE SFP ports Built-in AC Forwarding performance: 24 Mpps

Models and Appearances	Description
V2**	Switching capacity: 32 Gbps/520 Gbps*
CloudEngine S5735-L16T4X-QA-V2	 16 x 10/100/1000Base-T ports, 4 x 10GE SFP+ ports Built-in AC Forwarding performance: 84 Mpps Switching capacity: 112 Gbps/520 Gbps*
CloudEngine S5735-L16LP2X-QA-V2	 16 x 10/100/1000Base-T ports(PoE+), 2 x 10GE SFP+ ports Built-in AC Forwarding performance: 54 Mpps Switching capacity: 72 Gbps/520 Gbps*
CloudEngine S5735-L16P2UM2X-QA-V2	 16 x 10/100/1000Base-T ports(PoE+), 2 x 100M/1/2.5/5/10G Base-X ports(PoE++), 2 x 10GE SFP+ ports Built-in AC Forwarding performance: 84 Mpps Switching capacity: 112 Gbps/520 Gbps*
CloudEngine S5735-L16LP2UM2X-QA-V2	 16 x 10/100/1000Base-T ports(PoE+), 2 x 100M/1/2.5/5/10G Base-X ports(PoE++), 2 x 10GE SFP+ ports Built-in AC Forwarding performance: 84 Mpps Switching capacity: 112 Gbps/520 Gbps*
CloudEngine S5735-L24T4X-QA-V2	 24 x 10/100/1000Base-T ports, 4 x 10 GE SFP+ ports Built-in AC Forwarding performance: 96 Mpps Switching capacity: 128 Gbps/520 Gbps*
CloudEngine S5735-L24LU8S4XE-QA-V2	 8 x 10/100/1000Base-T ports(PoE++), 16 x 10/100/1000Base-T ports(PoE+), 8 x GE SFP ports, 4 x 10 GE SFP+ ports, 2 x 12GE stack ports Built-in AC Forwarding performance: 144 Mpps Switching capacity: 192 Gbps/520 Gbps*

*Note: The value before the slash (/) refers to the device's switching capability, while the value after the slash (/) means the system's switching capability.

Product Features and Highlights

Flexible Ethernet Networking

- In addition to traditional Spanning Tree Protocol (STP), Rapid Spanning Tree Protocol (RSTP), and Multiple Spanning Tree Protocol (MSTP), the CloudEngineS5735-L-V2 supports Huawei-developed Smart Ethernet Protection (SEP) technology and the latest Ethernet Ring Protection Switching (ERPS) standard. SEP is a ring protection protocol specific to the Ethernet link layer, and applies to various ring network topologies, such as open ring topology, closed ring topology, and cascading ring topology. This protocol is reliable, easy to maintain, and implements fast protection switching within 50 ms. ERPS is defined in ITU-T G.8032. It implements millisecond-level protection switching based on traditional Ethernet MAC and bridging functions.
- CloudEngine S5735-L-Q-V2 supports Smart Link, which implements backup of uplinks. One CloudEngine S5735-L-Q-V2 switch can connect to multiple aggregation switches through multiple links, significantly improving reliability of access devices.

^{**}Note: '-T'means Hardware Trust Module(HTM), support hardware root of trust and measurement startup.

Diversified Security Control

- CloudEngine S5735-L-Q-V2 supports 802.1X authentication, MAC address authentication, and hybrid authentication on a per port basis, and implements dynamic policy delivery (VLAN, QoS, and ACL) to users.
- CloudEngine S5735-L-Q-V2 provides a series of mechanisms to defend against DoS attacks and user-targeted attacks. DoS attacks are targeted at switches and include SYN flood, Land, Smurf, and ICMP flood attacks. User-targeted attacks include bogus DHCP server attacks, IP/MAC address spoofing, DHCP request flood, and changing of the DHCP CHADDR value.
- CloudEngine S5735-L-Q-V2 sets up and maintains a DHCP snooping binding table, and discards the packets that do not match the table entries. The DHCP snooping trusted port feature ensures that users connect only to the authorized DHCP server.
- CloudEngine S5735-L-V2supports strict ARP learning. This feature prevents ARP spoofing attackers from exhausting ARP entries so that users can connect to the Internet normally.

Easy Operation and Maintenance

- CloudEngine S5735-L-Q-V2 supports Huawei Easy Operation, a solution that provides zero-touch deployment, replacement of faulty devices without additional configuration, USB-based deployment*, batch device configuration, and batch remote upgrade. The Easy Operation solution facilitates device deployment, upgrade, service provisioning, and other management and maintenance operations, and also greatly reduces O&M costs. CloudEngine S5735-L-Q-V2 can be managed and maintained using Simple Network Management Protocol (SNMP) V1, V2, and V3, Command Line Interface (CLI), webbased network management system, or Secure Shell (SSH) V2.0. Additionally, it supports remote network monitoring (RMON), multiple log hosts, port traffic statistics collection, and network quality analysis, paving the way for network optimization and reconstruction
- CloudEngine S5735-L-Q-V2 supports MUX VLAN, which involves a principal VLAN and multiple subordinate VLANs. Subordinate VLANs are classified into group VLANs and separate VLANs. Ports in the principal VLAN can communicate with ports in subordinate VLANs. Ports in a subordinate group VLAN can communicate with each other, whereas ports in a subordinate separate VLAN cannot communicate with each other. CloudEngine S5735-L-Q-V2 also supports VLAN-Based Spanning Tree (VBST) protocol.

Note:Only those switches with USB ports can USB-based deployment.

iStack

- CloudEngine S5735-L-Q-V2 supports intelligent stack (iStack). This technology combines multiple switches into a logical switch. Member switches in a stack implement redundancy backup to improve device reliability and use inter-device link aggregation to improve link reliability.
- iStack provides high network scalability. You can increase ports, bandwidth, and processing capacity of a stack by simply adding member switches to the stack.
- iStack also simplifies device configuration and management. After a stack is set up, multiple physical switches are virtualized into one logical device. You can log in to any member switch in the stack to manage all the member switches in the stack. CloudEngine S5735-L-Q-V2 support stacking through electrical ports.
- Some CloudEngine S5735-L-Q-V2 supports two 12GE dedicated stack ports, which release uplink ports and do not need to be configured.

PoE Function

- **Perpetual PoE**: When a PoE switch is abnormal Power-off or the software version is upgraded, the power supply to PDs is not interrupted. This capability ensures that PDs are not powered off during the switch reboot.
- Fast PoE: PoE switches can supply power to PDs within seconds after they are powered on. This is different from common switches that generally take 1 to 3 minutes to start to supply power to PDs. When a PoE switch reboots due to a power failure, the PoE switch continues to supply power to the PDs immediately after being powered on without waiting until it finishes reboot. This greatly shortens the power failure time of PDs.

Network Slicing Functions

• CloudEngine S5735-L-Q-V2 provides a range of VLAN slicing functions to meet diversified SLA requirements of different services and customers. Service isolation and bandwidth guarantee are implemented based on QoS. Slices can be completely isolated from each other without affecting each other. Traffic is isolated at the physical layer, and network slicing is performed for services on the same physical network. The Network Slicing technology can be used at the access, aggregation, and core layers to meet differentiated SLA requirements of new services on campus networks.

Intelligent O&M

• CloudEngine S5735-L-Q-V2 provides telemetry technology to collect device data in real time and send the data to Huawei campus network analyzer CampusInsight. The CampusInsight analyzes network data based on the intelligent fault identification algorithm, accurately displays the real-time network status, effectively demarcates and locates faults in a timely manner, and identifies network problems that affect user experience, accurately guaranteeing user experience.

Intelligent Upgrade

- CloudEngine S5735-L-Q-V2 supports the intelligent upgrade feature. Specifically, CloudEngine S5735-L-Q-V2 obtains the version upgrade path and downloads the newest version for upgrade from the Huawei Online Upgrade Platform (HOUP). The entire upgrade process is highly automated and achieves one-click upgrade. In addition, preloading the version is supported, which greatly shortens the upgrade time and service interruption time.
- The intelligent upgrade feature greatly simplifies device upgrade operations and makes it possible for the customer to upgrade the version independently. This greatly reduces the customer's maintenance costs. In addition, the upgrade policies on the HOUP platform standardize the upgrade operations, which greatly reduces the risk of upgrade failures.

Cloud Management

• The Huawei cloud management platform allows users to configure, monitor, and inspect switches on the cloud, reducing on-site deployment and O&M manpower costs and decreasing network OPEX. Huawei switches support both cloud management and on-premise management modes. These two management modes can be flexibly switched as required to achieve smooth evolution while maximizing return on investment (ROI).

OPS

• CloudEngine S5735-L-Q-V2 supports Open Programmability System (OPS), an open programmable system based on the Python language. IT administrators can program the O&M functions of a CloudEngine S5735-L-Q-V2 switch through Python scripts to quickly innovate functions and implement intelligent O&M.

Licensing

CloudEngine S5735-L-Q-V2 supports both the traditional feature-based licensing mode and the latest Huawei IDN One Software (N1 mode for short) licensing mode. The N1 mode is ideal for deploying Huawei CloudCampus Solution in the on-premises scenario, as it greatly enhances the customer experiences in purchasing and upgrading software services with simplicity.

Software Package Features in N1 Mode

Switch Functions	N1 Basic Software	N1 Foundation Software Package	N1 Advanced Software Package
Basic network functions: Layer 2 functions, IPv4, IPv6 and others Note: For details, see the Service Features	√	V	V
Basic network automation based on the iMaster NCE-Campus: NE management: Device management, topology management and discovery User access authentication	×	1	√
Advanced network automation and intelligent O&M: IPCA, CampusInsight basic functions	×	×	٧

Product Specifications

Functions and Features

MAC address table MAC address learning and aging 32K MAC entries (MAX) Static, dynamic, and blackhole MAC address entries Packet filtering based on source MAC addresses Interface-based MAC learning limiting VLAN features 4K VLANs Voice VLAN MUX VLAN VLAN Stacking, VLAN mapping Ethernet loop protection SEP ERPS (G.8032) STP (IEEE 802.1d), RSTP (IEEE 802.1w), and MSTP (IEEE 802.1s) BPDU protection, root protection, and loop protection BPDU tunnel LLDP, LLDP-MED Multicast Multicast	chover
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LLDP, LLDP-MED	
Multicast PIM DM, PIM SM, PIM SSM, PIMv6	
IGMPv1/v2/v3, IGMPv1/v2/v3 snooping, MLD snooping	
Multicast load balancing among member ports of a trunk	
Interface-based multicast traffic statistics	
Multicast VLAN	
IP routing Static route, RIP, RIPng, OSPF, OSPFv3, VRRP, VRRP6, Routing Policy, Policy-Based Routing	
Up to 4096 FIBv4 entries (MAX)	
Up to 1024 FIBv6 entries (MAX)	
IPv6 features Up to 1024 ND entries (MAX)	
Path MTU (PMTU)	
IPv6 ping, IPv6 tracert, and IPv6 Telnet	
Reliability LACP	
VRRP	
BFD	
LLDP	

LBDT Y.1731 QOS/ACL 2K rules per IPv6 ACL 2kt rules per IPv6 ACL Rate limiting on packets sent and received by an interface Packet redirection Interface-based traffic policing and two-rate and three-color CAR Eight queues on each interface DRR, SP, and DRR+SP quoue scheduling algorithms Re-marking of the 802.1p priority and DSCP priority Packet filtering at Layer 2 to Layer 4, filtering out invalid frames based on the source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP port number, protocol type, and VLAN ID Rate limiting in each queue and traffic shaping on interfaces Network Sticing (VLAN) Security Hierarchical user management and password protection DoS attack defense, ARP attack defense, and ICMP attack defense Binding of the IP address, MAC address, interface number, and VLAN ID Port isolation, port security, and sticky MAC Blackhole MAC address entries Limit on the number of leamed MAC addresses Limit on the number of leamed MAC addresses Limit on the number of leamed MAC addresses Limit on the number of leamed MAC addresses EEEE 802.1x authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCP-client, DHCP relay, DHCP server, DHCP snooping Management and Management and Management and Stack, stack bandwidth. 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet	Item	Description
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DoS attack defense, ARP attack defense, and ICMP attack defense Binding of the IP address, MAC address, interface number, and VLAN ID Port isolation, port security, and sticky MAC Blackhole MAC address entries Limit on the number of learned MAC addresses IEEE 802.1x authentication and limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping Management and maintenance IStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Network Slicing (VLAN)
Binding of the IP address, MAC address, interface number, and VLAN ID Port isolation, port security, and sticky MAC Blackhole MAC address entries Limit on the number of learned MAC addresses IEEE 802.1x authentication and limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet	Security	Hierarchical user management and password protection
Port isolation, port security, and sticky MAC Blackhole MAC address entries Limit on the number of learned MAC addresses IEEE 802.1x authentication and limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		DoS attack defense, ARP attack defense, and ICMP attack defense
Blackhole MAC address entries Limit on the number of learned MAC addresses IEEE 802.1x authentication and limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping Management and maintenance Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Binding of the IP address, MAC address, interface number, and VLAN ID
Limit on the number of learned MAC addresses IEEE 802.1x authentication and limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Port isolation, port security, and sticky MAC
IEEE 802.1x authentication and limit on the number of users on an interface AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping Management and maintenance iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Blackhole MAC address entries
AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Limit on the number of learned MAC addresses
SSH V2.0 Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		IEEE 802.1x authentication and limit on the number of users on an interface
Hypertext Transfer Protocol Secure (HTTPS) CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		AAA authentication, RADIUS authentication, HWTACACS authentication, and NAC
CPU defense Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping Management and maintenance iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		SSH V2.0
Blacklist and whitelist DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Hypertext Transfer Protocol Secure (HTTPS)
DHCP client, DHCP relay, DHCP server, DHCP snooping DHCPv6 client, DHCPv6 relay ND snooping Management and maintenance iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		CPU defense
DHCPv6 client, DHCPv6 relay ND snooping iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		Blacklist and whitelist
Management and maintenance Stack, stack bandwidth: 80Gbps		DHCP client, DHCP relay, DHCP server, DHCP snooping
Management and maintenance iStack, stack bandwidth: 80Gbps Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		DHCPv6 client, DHCPv6 relay
Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet		ND snooping
Cloud management based on Netconf/Yang Virtual Cable Test (VCT) Remote configuration and maintenance using Telnet	_	iStack, stack bandwidth: 80Gbps
Remote configuration and maintenance using Telnet	maintenance	Cloud management based on Netconf/Yang
		Virtual Cable Test (VCT)
SNMPv1/v2/v3		Remote configuration and maintenance using Telnet
		SNMPv1/v2/v3

Item	Description
	RMON
	eSight and web-based NMS
	HTTPS
	LLDP/LLDP-MED
	System logs and multi-level alarms
	802.3az EEE
	IFIT
	Port mirroring
	Registration Center Deployment
	GVRP
	iPCA、sFlow、NQA、Telemetry
Interoperability	Supports VBST (Compatible with PVST/PVST+/RPVST)

Hardware Specifications

Hardware specifications of CloudEngine S5735-L8T4X-QA-V2/L8P4X-QA-V2/L16T4X-QA-V2/L24T4X-QA-V2 models

item		CloudEngine S5735-L8T4X- QA-V2	CloudEngine S5735-L8P4X- QA-V2	CloudEngine S5735-L16T4X- QA-V2	CloudEngine S5735-L24T4X- QA-V2
Physical specifications	Dimensions (H x W x D)	43.6 mm x 250 mm x 180 mm	43.6 mm x 320 mm x 210 mm	43.6 mm x 442 mm x 220 mm	43.6 mm x 442 mm x 220 mm
	Chassis height	1 U	1 U	1 U	1 U
	Chassis weight (including packaging)	2.21 kg	3.06 kg	3.46kg	3.48 kg
Fixed port	GE port	8	8(PoE+)	16	24
	GE SFP pot	NA	NA	NA	NA
	10GE port	4	4	4	4
Management	Console port (RJ45)	Supported	Supported	Supported	Supported
port	USB Port	NA	NA	NA	NA
CPU	Frequency	1.1 GHz	1.1 GHz	1.1 GHz	1.1 GHz
	Core	2	2	2	2
Storage	Memory (DRAM)	2 GB	2 GB	2 GB	2 GB
Ingress protection level	IP level	IP20	IP20	IP20	IP20
Power supply system	Power supply type	Built-in AC	Built-in AC	Built-in AC	Built-in AC
	Rated voltage range	100 V AC to 240 V AC, 50/60 Hz	100 V AC to 240 V AC, 50/60 Hz	100 V AC to 240 V AC, 50/60 Hz	100 V AC to 240 V AC, 50/60 Hz
	Maximum voltage range	AC input: 90 V AC to 290 V	AC input: 90 V AC to 290 V	AC input: 90 V AC to 290 V	AC input: 90 V AC to 290 V

Item		CloudEngine S5735-L8T4X- QA-V2	CloudEngine S5735-L8P4X- QA-V2	CloudEngine S5735-L16T4X- QA-V2	CloudEngine S5735-L24T4X- QA-V2
		AC, 45 Hz to 65 Hz	AC, 45 Hz to 65 Hz	AC, 45 Hz to 65 Hz	AC, 45 Hz to 65 Hz
	Maximum input current	0.8 A	3 A	0.8A	0.8A
	Maximum power consumption of the device	16.97 W	 22.21 W (without PD) 152.55 W (with PD, PD power consumption of 125 W) 	24.29 W	29.96 W
	Power consumption in the case of 30% traffic load ¹	16.2 W	21.16 W	21.42 W	26.13 W
	Power consumption in the case of 100% traffic load ¹	16.54 W	21.45 W	22.18 W	27.24 W
	Power consumption in the case of 0% traffic load ¹	10.05 W	15.24 W	13.33 W	14.94 W
Heat dissipation	Heat dissipation mode	Natural heat dissipation	Natural heat dissipation	Natural heat dissipation	Natural heat dissipation
system	Number of fan modules	0	0	0	0
	Airflow	Air intake from left and front, air exhaustion from right	NA	NA	NA
	Maximum heat dissipation of the device (BTU/hour)	57.73	Without PDs: 79.16With PDs: 519.32	90.08	131.02
Environment parameters	Long-term operating temperature	 0-1800 m altitude: -5°C to +50°C 1800-5000 m 	 0-1800 m altitude: -5°C to +50°C 1800-5000 m 	 0-1800 m altitude: -5°C to +50°C 1800-5000 m 	 0-1800 m altitude: -5°C to +50°C 1800-5000 m
		altitude: The operating temperature reduces by 1°C every time the altitude increases by 220 m.	altitude: The operating temperature reduces by 1°C every time the altitude increases by 220 m.	altitude: The operating temperature reduces by 1°C every time the altitude increases by 220 m.	altitude: The operating temperature reduces by 1°C every time the altitude increases by 220 m.
	Short-term operating temperature	NA	NA	NA	NA
	Storage temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Item		CloudEngine S5735-L8T4X- QA-V2	CloudEngine S5735-L8P4X- QA-V2	CloudEngine S5735-L16T4X- QA-V2	CloudEngine S5735-L24T4X- QA-V2
	Relative humidity	5%-95%(non- condensing)	5%-95%(non- condensing)	5%-95%(non- condensing)	5%-95%(non- condensing)
	Operating altitude	5000 m	5000 m	5000 m	5000 m
	Noise under normal temperature (sound power)	fanless, noise-free, <30dB (A)	fanless, noise- free, <30dB (A)	fanless, noise- free, <30dB (A)	fanless, noise- free, <30dB (A)
	Noise under high temperature (sound power)	fanless, noise-free, <30dB (A)	fanless, noise- free, <30dB (A)	fanless, noise- free, <30dB (A)	fanless, noise- free, <30dB (A)
	Noise under normal temperature (sound pressure)	fanless, noise-free, <20dB (A)	fanless, noise- free, <20dB (A)	fanless, noise- free, <20dB (A)	fanless, noise- free, <20dB (A)
	Surge protection specification (RJ45 service port)	±7 kV in common mode	±7 kV in common mode	±7 kV in common mode	±7 kV in common mode
	Surge protection specification (power port)	 Differential mode: ± 6 kV Common mode: ± 6 kV 	 Differential mode: ± 6 kV Common mode: ± 6 kV 	 Differential mode: ± 6 kV Common mode: ± 6 kV 	 Differential mode: ± 6 kV Common mode: ± 6 kV
Reliability	MTBF (year)	76.15	70.41	73.24	71.51
	MTTR (hour)	2	2	2	2
	Availability	> 0.99999	> 0.99999	> 0.99999	> 0.99999
Certification		 EMC certification Safety certification Manufacturing certification 	 EMC certification Safety certification Manufacturing certification 	 EMC certification Safety certification Manufacturing certification 	 EMC certification Safety certification Manufacturing certification

Hardware specifications of CloudEngine S5735-L14P2S-QA-V2/-L14P2S-TQA-V2/-L16LP2X-QA-V2/-L16P2UM2X-QA-V2/-L16LP2UM2X-QA-V2/-L16P2UM2X-QA-V2/-L

Item		CloudEngine S5735-L14P2S- QA-V2 CloudEngine S5735-L14P2S- TQA-V2	CloudEngine S5735-L16LP2X- QA-V2	CloudEngine S5735- L16P2UM2X-QA- V2	CloudEngine S5735- L16LP2UM2X- QA-V2
Physical specificatio	Dimensions (H x W x D)	43.6 mm x250 mm x 245 mm	54 mm x250 mm x 220 mm	43.6 mm x250 mm x 245 mm	54 mm x250 mm x 220 mm
ns	Chassis height	1 U	1.24 U	1U	1.24U
	Chassis weight (including	3.2 kg	3.35 kg	3.3 kg	3.4 kg

Item		CloudEngine S5735-L14P2S- QA-V2 CloudEngine S5735-L14P2S- TQA-V2	CloudEngine S5735-L16LP2X- QA-V2	CloudEngine S5735- L16P2UM2X-QA- V2	CloudEngine S5735- L16LP2UM2X- QA-V2
	packaging)				
Fixed port	GE Base-T port	14	16	16	16
	10GE Base-T port	NA	NA	2	2
	GE SFP port	2	NA	NA	NA
	10GE SFP+ port	NA	2	2	2
	Dedicated 12GE stack port	NA	NA	NA	NA
Manageme nt port	Console port (RJ45)	Supported	Supported	Supported	Supported
	USB port	USB 2.0	USB 2.0	USB 2.0	USB 2.0
CPU	Frequency	1.1 GHz	1.1 GHz	1.1 GHz	1.1 GHz
	Core	2	2	2	2
Storage	Memory (DRAM)	2 GB	2 GB	2 GB	2 GB
Ingress protection level	IP level	IP20	IP40	IP20	IP20
Power	Power supply type	Built-in AC	Built-in DC	Built-in AC	Built-in AC
supply system	Rated voltage range	100 V AC to 240 V AC, 50/60 Hz	100 V AC to 240 V AC, 50/60 Hz	100 V AC to 240 V AC, 50/60 Hz	100 V AC to 240 V AC, 50/60 Hz
	Maximum voltage range	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz	AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz
	Maximum input current	6 A	3 A	6 A	3 A
	Maximum power consumption of the device	 26.02 W (without PD) 292.1 W(with PD,PD Power consumption of :247 W) 	 25.41 W (without PD) 162.82 W(with PD,PD Power consumption of :125 W) 	 29.8 W (without PD) 296.12 W(with PD,PD Power consumption of :247W) 	 29.2W (without PD) 166.4W(with PD,PD Power consumption of :125W)
	Power consumption in the case of 30% traffic load ¹	21.67 W	20.7 W	24.6 W	24.37 W
	Power consumption in the case of 100% traffic load ¹	22.92 W	22.2 W	25.98 W	25.78 W
	Power consumption in the case of 0% traffic load ¹	14.88 W	20.7 W	24.6 W	24.37 W

Item		CloudEngine S5735-L14P2S- QA-V2 CloudEngine S5735-L14P2S- TQA-V2	CloudEngine S5735-L16LP2X- QA-V2	CloudEngine S5735- L16P2UM2X-QA- V2	CloudEngine S5735- L16LP2UM2X- QA-V2
Heat dissipation	Heat dissipation mode	Natural heat dissipation	Natural heat dissipation	Natural heat dissipation	Natural heat dissipation
system	Number of fan modules	NA	NA	NA	NA
	Airflow	NA	NA	NA	NA
	Maximum heat dissipation of the device (BTU/hour)	without PD :88.78 with PD: 996.57	without PD :86.7 with PD: 555.56	without PD :101.68 with PD: 1010.39	without PD :99.63 with PD: 567.77
Environmen t parameters	Long-term operating temperature	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.	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.	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.	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	NA	NA	NA	NA
	Storage temperature	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C
	Relative humidity	5%-95%(non- condensing)	5%-95%(non- condensing)	5%-95%(non- condensing)	5%-95%(non- condensing)
	Operating altitude	5000 m	5000 m	5000 m	5000 m
	Noise under normal temperature (sound power)	fanless, noise-free, <30dB (A)	fanless, noise-free, <30dB (A)	fanless, noise-free, <30dB (A)	fanless, noise-free, <30dB (A)
	Noise under high temperature (sound power)	fanless, noise-free, <30dB (A)	fanless, noise-free, <30dB (A)	fanless, noise-free, <30dB (A)	fanless, noise-free, <30dB (A)
	Noise under normal temperature (sound pressure)	fanless, noise-free, <20dB (A)	fanless, noise-free, <20dB (A)	fanless, noise-free, <20dB (A)	fanless, noise-free, <20dB (A)
	Surge protection specification (RJ45 service port)	±6 kV in common mode	±6 kV in common mode	±6 kV in common mode	±6 kV in common mode
	Surge protection specification (power port)	Differential mode: ± 6 kVCommon mode:			

Item		CloudEngine S5735-L14P2S- QA-V2 CloudEngine S5735-L14P2S- TQA-V2	CloudEngine S5735-L16LP2X- QA-V2	CloudEngine S5735- L16P2UM2X-QA- V2	CloudEngine S5735- L16LP2UM2X- QA-V2
		±6 kV	±6 kV	±6 kV	±6 kV
Reliability	MTBF (year)	59.25/60.66	59.41	55.2	55.16
	MTTR (hour)	2	2	2	2
	Availability	> 0.99999	> 0.99999	> 0.99999	> 0.99999
Certification		 EMC certification Safety certification Manufacturing certification 	 EMC certification Safety certification Manufacturing certification 	 EMC certification Safety certification Manufacturing certification 	 EMC certification Safety certification Manufacturing certification

Hardware specifications of CloudEngine S5735-L24LU8S4XE-QA-V2 models

Item		CloudEngine S5735- L24LU8S4XE- QA-V2		
Physical specificatio	Dimensions (H x W x D)	43.6 mm x 442 mm x 360 mm		
ns	Chassis height	1 U		
	Chassis weight (including packaging)	7.02 kg		
Fixed port	GE Base-T port	24		
	10GE Base-T port	NA		
	GE SFP port	8		
	10GE SFP+ port	4		
	Dedicated 12GE stack port	2		
Manageme nt port	Console port (RJ45)	Supported		
	USB port	USB 2.0		
CPU	Frequency	1.1 GHz		
	Core	2		
Storage	Memory (DRAM)	2 GB		
Ingress protection level	IP level	IP30		

Item		CloudEngine		
		S5735- L24LU8S4XE-		
		QA-V2		
Power	Power supply type	Built-in AC		
supply system	Rated voltage range	 AC input: 100 V AC to 240 V AC, 50/60 Hz HVDC input: 240 V DC 		
	Maximum voltage range	 AC input: 90 V AC to 290 V AC, 45 Hz to 65 Hz HVDC input: 190 V DC to 290 V DC 		
	Maximum input current	6 A		
	Maximum power consumption of the device	 46.2 W (without PD) 311.01 W(with PD,PD Power consumption of :247 W) 		
	Power consumption in the case of 30% traffic load ¹	37.9 W		
	Power consumption in the case of 100% traffic load ¹	42.3 W		
	Power consumption in the case of 0% traffic load ¹	24.5 W		
Heat dissipation	Heat dissipation mode	Natural heat dissipation		
system	Number of fan modules	NA		
	Airflow	NA		
	Maximum heat dissipation of the device (BTU/hour)	without PD :88.78 with PD: 996.57		
Environmen t parameters	Long-term operating temperature	O-1800 m altitude: -5°C to +45°C 1800-5000 m altitude: The operating temperature reduces by 1°C		

Item		CloudEngine S5735- L24LU8S4XE- QA-V2		
		every time the altitude increases by 220 m.		
	Short-term operating temperature	NA		
	Storage temperature	-40°C to +70°C		
	Relative humidity	5%-95%(non- condensing)		
	Operating altitude	5000 m		
	Noise under normal temperature (sound power)	fanless, noise-free, <30dB (A)		
	Noise under high temperature (sound power)	fanless, noise-free, <30dB (A)		
	Noise under normal temperature (sound pressure)	fanless, noise-free, <20dB (A)		
	Surge protection specification (RJ45 service port)	±4 kV in common mode		
	Surge protection specification (power port)	 Differential mode: ± 6 kV Common mode: ±6 kV 		
Reliability	MTBF (year)	34.58		
	MTTR (hour)	2		
	Availability	> 0.99999		
Certification		EMC certificationSafety certificationManufacturing		
		certification		

□ NOTE

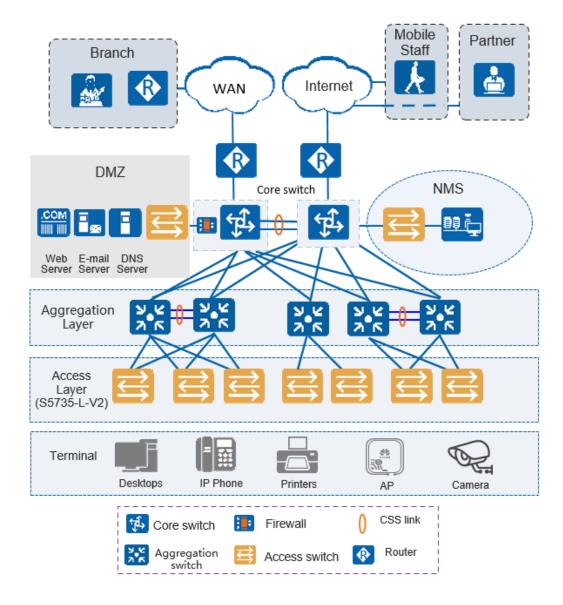
The Static power consumption is calculated under 0% service traffic load conditions according to the ATIS standard. Additionally, the EEE function is enabled and there is no PoE power output.

^{1:} The Typical power consumption is calculated under 30% service traffic load conditions according to the ATIS standard. Additionally, the EEE function is enabled and there is no PoE power output.

Networking and Applications

Medium or Large-Scale Enterprise Campus Network

CloudEngine S5735-L-Q-V2 series switches can be deployed at the access layer of a campus network to build a high-performance and highly reliable enterprise network.



Safety and Regulatory Compliance

Safety and regulatory compliance of the CloudEngine S5735-L series

Certification Category	Description
Safety	 IEC 60950-1 EN 60950-1/A11/A12 UL 60950-1 CSA C22.2 No 60950-1 AS/NZS 60950.1 CNS 14336-1

Certification Category	Description
Laser safety	 IEC60825-1 IEC60825-2 EN60825-1 EN60825-2
Electromagnetic Compatibility (EMC)	 CISPR22 Class A CISPR24 EN55022 Class A EN55024 ETSI EN 300 386 Class A CFR 47 FCC Part 15 Class A ICES 003 Class A AS/NZS CISPR22 Class A VCCI Class A EN61000-3-2 EN61000-4-2 ITU-T K 20 ITU-T K 44 CNS13438
Environment	RoHSREACHWEEE

□ NOTE

- EMC: electromagnetic compatibility
- CISPR: International Special Committee on Radio Interference
- EN: European Standard
- ETSI: European Telecommunications Standards Institute
- CFR: Code of Federal Regulations
- FCC: Federal Communication Commission
- IEC: International Electrotechnical Commission
- AS/NZS: Australian/New Zealand Standard
- VCCI: Voluntary Control Council for Interference
- UL: Underwriters Laboratories
- CSA: Canadian Standards Association
- IEEE: Institute of Electrical and Electronics Engineers
- RoHS: restriction of the use of certain hazardous substances
- REACH: Registration Evaluation Authorization and Restriction of Chemicals
- WEEE: Waste Electrical and Electronic Equipment

MIB and **Standards** Compliance

Supported MIBs

Supported MIBs by the CloudEngine S5735-L-Q-V2 series

Category	MIB
Public MIB	BRIDGE-MIB DISMAN-NSLOOKUP-MIB DISMAN-PING-MIB DISMAN-TRACEROUTE-MIB EINTITY-MIB EITH-MIB EITH-MIB IF-MIB IF-MIB IP-FORWARD-MIB IP-FORWARD-MIB LAG-MIB LLOP-EXT-DOT1-MIB LLDP-EXT-DOT3-MIB LLDP-MIB NOTIFICATION-LOG-MIB NQA-MIB P-BRIDGE-MIB Q-BRIDGE-MIB RFC1213-MIB RMON-MIB SAVI-MIB SAVI-MIB SMMP-FRAMEWORK-MIB SMMP-FRAMEWORK-MIB SMMP-MPD-MIB SMMP-NOTIFICATION-MIB SMMP-TARGET-MIB SMMP-LSER-BASED-SM-MIB SMMP-USER-BASED-SM-MIB SMMP-VIEW-BASED-ACM-MIB
Huawei-proprietary MIB	 UDP-MIB HUAWEI-AAA-MIB HUAWEI-ALARM-MIB HUAWEI-ALARM-RELIABILITY-MIB HUAWEI-BASE-TRAP-MIB HUAWEI-BRAS-RADIUS-MIB HUAWEI-BRAS-SRVCFG-EAP-MIB HUAWEI-BRAS-SRVCFG-STATICUSER-MIB HUAWEI-CBQOS-MIB HUAWEI-CDP-COMPLIANCE-MIB

Category	MIB
	HUAWEI-CONFIG-MAN-MIB
	HUAWEI-CPU-MIB
	HUAWEI-DAD-TRAP-MIB
	HUAWEI-DATASYNC-MIB
	HUAWEI-DEVICE-MIB
	HUAWEI-DHCPR-MIB
	HUAWEI-DHCPS-MIB
	HUAWEI-DHCP-SNOOPING-MIB
	HUAWEI-DIE-MIB
	HUAWEI-DNS-MIB
	HUAWEI-DLDP-MIB
	HUAWEI-ERPS-MIB
	HUAWEI-ERRORDOWN-MIB
	HUAWEI-ENERGYMNGT-MIB
	HUAWEI-EASY-OPERATION-MIB
	HUAWEI-ENTITY-EXTENT-MIB
	HUAWEI-ENTITY-TRAP-MIB
	HUAWEI-ETHARP-MIB
	HUAWEI-ETHOAM-MIB
	HUAWEI-FLASH-MAN-MIB
	HUAWEI-FWD-RES-TRAP-MIB
	HUAWEI-GARP-APP-MIB
	HUAWEI-GTL-MIB
	HUAWEI-HGMP-MIB
	HUAWEI-HWTACACS-MIB
	HUAWEI-IF-EXT-MIB HUAWEI-INEOCENTED MID
	HUAWELINFOCENTER-MIB HUAWELINFOCENTER-MIB
	HUAWEI-IPPOOL-MIB HUAWEI-IPV6-MIB
	HUAWEI-IF VO-MIB HUAWEI-ISOLATE-MIB
	HUAWEI-L2IF-MIB
	HUAWEI-L2MAM-MIB
	HUAWEI-L2VLAN-MIB
	HUAWEI_LDT-MIB
	HUAWEI-LLDP-MIB
	HUAWEI-MAC-AUTHEN-MIB
	HUAWEI-MEMORY-MIB
	HUAWEI-MFF-MIB
	HUAWEI-MFLP-MIB
	HUAWEI-MSTP-MIB
	HUAWEI-MULTICAST-MIB
	HUAWEI-NTPV3-MIB
	HUAWEI-PERFORMANCE-MIB
	HUAWEI-PERFMGMT-MIB
	HUAWEI-PORT-MIB

Category	мів
	HUAWEI-PORTAL-MIB
	HUAWEI-QINQ-MIB
	HUAWEI-RM-EXT-MIB
	HUAWEI-RRPP-MIB
	HUAWEI-SECURITY-MIB
	HUAWEI-SEP-MIB
	HUAWEI-SNMP-EXT-MIB
	HUAWEI-SSH-MIB
	HUAWEI-STACK-MIB
	HUAWEI-SWITCH-L2MAM-EXT-MIB
	HUAWEI-SWITCH-SRV-TRAP-MIB
	HUAWEI-SYS-MAN-MIB
	HUAWEI-TCP-MIB
	HUAWEI-TFTPC-MIB
	HUAWEI-TRNG-MIB
	HUAWEI-UNIMNG-MIB
	HUAWEI-USA-MIB
	HUAWEI-XQOS-MIB

□ NOTE

For more detailed information of MIBs supported by the CloudEngine S5735-L-Q-V2 series, visit https://support.huawei.com/enterprise/en/switches/s5700-pid-6691579?category=reference-guides&subcategory=mib-reference.

Standard Compliance

Standard compliance list of the CloudEngine S5735-L-Q-V2 series

Standard Organization	Standard or Protocol
IETF	 RFC 768 User Datagram Protocol (UDP) RFC 792 Internet Control Message Protocol (ICMP) RFC 793 Transmission Control Protocol (TCP) RFC 826 Ethernet Address Resolution Protocol (ARP) RFC 854 Telnet Protocol Specification RFC 951 Bootstrap Protocol (BOOTP) RFC 959 File Transfer Protocol (FTP) RFC 1058 Routing Information Protocol (RIP) RFC 1112 Host extensions for IP multicasting RFC 1157 A Simple Network Management Protocol (SNMP) RFC 1256 ICMP Router Discovery RFC 1305 Network Time Protocol Version 3 (NTP) RFC 1349 Internet Protocol (IP) RFC 1493 Definitions of Managed Objects for Bridges RFC 1542 Clarifications and Extensions for the Bootstrap Protocol RFC 1643 Ethernet Interface MIB RFC 1757 Remote Network Monitoring (RMON) RFC 1901 Introduction to Community-based SNMPv2

Standard Organization	Standard or Protocol
	 RFC 1902-1907 SNMP v2 RFC 1981 Path MTU Discovery for IP version 6 RFC 2131 Dynamic Host Configuration Protocol (DHCP) RFC 2460 Internet Protocol, Version 6 Specification (IPv6) RFC 2461 Neighbor Discovery for IP Version 6 (IPv6) RFC 2462 IPv6 Stateless Address Auto configuration RFC 2463 Internet Control Message Protocol for IPv6 (ICMPv6) RFC 2474 Differentiated Services Field (DS Field) RFC 2863 The Interfaces Group MIB RFC 2597 Assured Forwarding PHB Group RFC 2598 An Expedited Forwarding PHB RFC 2571 SNMP Management Frameworks RFC 2865 Remote Authentication Dial In User Service (RADIUS) RFC 3046 DHCP Option82 RFC 3513 IP Version 6 Addressing Architecture RFC 3579 RADIUS Support For EAP draft-grant-tacacs-02 TACACS+ RFC 6020 YANG - A Data Modeling Language for the Network Configuration Protocol (NETCONE)
IEEE	 (NETCONF) IEEE 802.1D Media Access Control (MAC) Bridges IEEE 802.1p Traffic Class Expediting and Dynamic Multicast Filtering IEEE 802.1Q Virtual Bridged Local Area Networks IEEE 802.1ad Provider Bridges IEEE 802.2 Logical Link Control IEEE Std 802.3 CSMA/CD IEEE Std 802.3ab 1000BASE-T specification IEEE Std 802.3ad Aggregation of Multiple Link Segments IEEE Std 802.3ae 10GE WEN/LAN Standard IEEE Std 802.3x Full Duplex and flow control IEEE Std 802.3z Gigabit Ethernet Standard IEEE802.1ax/IEEE802.3ad Link Aggregation IEEE 802.1ab Link Layer Discovery Protocol IEEE 802.1b Spanning Tree Protocol IEEE 802.1s Multiple Spanning Tree Protocol IEEE 802.1x Port based network access control protocol IEEE 802.3at DTE Power via MIDI IEEE 802.3at DTE Power via the MDI Enhancements IEEE 802.3az Energy Efficient Ethernet
ITU	ITU SG13 Y.17ethoam ITU SG13 QoS control Ethernet-Based IP Access ITU-T Y.1731 ETH OAM performance monitor

Standard Organization	Standard or Protocol
MEF	 MEF 2 Requirements and Framework for Ethernet Service Protection MEF 9 Abstract Test Suite for Ethernet Services at the UNI MEF 11 UNI Requirements and Framework MEF 15 Requirements for Management of Metro Ethernet Phase 1 Network Elements MEF 17 Service OAM Framework and Requirements MEF 20 UNI Type 2 Implementation Agreement MEF 23 Class of Service Phase 1 Implementation Agreement XMODEM/YMODEM Protocol Reference

The listed standards and protocols are fully or partially supported by Huawei switches. For details, visit http://e.huawei.com/en or contact your local Huawei sales office.

Ordering Information

Model	Product Description
CloudEngine S5735-L8T4X- QA-V2	CloudEngine S5735-L8T4X-QA-V2(8*10/100/1000BASE-T ports, 4*10GE SFP+ ports, AC power, Fanless)
CloudEngine S5735-L8P4X- QA-V2	CloudEngine S5735-L8P4X-QA-V2(8*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, AC power, Fanless)
CloudEngine S5735- L16T4X-QA-V2	CloudEngine S5735-L16T4X-QA-V2 (16*10/100/1000BASE-T ports, 4*10GE SFP+ ports, AC power, Fanless)
CloudEngine S5735- L24T4X-QA-V2	CloudEngine S5735-L24T4X-QA-V2 (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, AC power, Fanless)
CloudEngine S5735- L14P2S-QA-V2	CloudEngine S5735-L14P2S-QA-V2 (14*10/100/1000BASE-T ports(POE+), 2*GE SFP ports, AC power)
CloudEngine S5735- L14P2S-TQA-V2	CloudEngine S5735-L14P2S-TQA-V2 (14*10/100/1000BASE-T ports(POE+), 2*GE SFP ports, HTM, AC power)
CloudEngine S5735- L16LP2X-QA-V2	CloudEngine S5735-L16LP2X-QA-V2(16*10/100/1000BASE-T ports(POE+), 2*10GE SFP+ ports, AC power)
CloudEngine S5735- L16P2UM2X-QA-V2	CloudEngine S5735-L16P2UM2X-QA-V2(16*10/100/1000BASE-T ports(POE+), 2*100M/1G/2.5G/5G/10G Ethernet ports(POE++), 2*10GE SFP+ ports, AC power)
CloudEngine S5735- L16LP2UM2X-QA-V2	CloudEngine S5735-L16LP2UM2X-QA-V2(16*10/100/1000BASE-T ports(POE+), 2*100M/1G/2.5G/5G/10G Ethernet ports(POE++), 2*10GE SFP+ ports, AC power)
CloudEngine S5735- L24LU8S4XE-QA-V2	CloudEngine S5735-L24LU8S4XE-QA-V2(8*10/100/1000BASE-T ports(PoE++), 16*10/100/1000BASE-T ports(PoE+), 8*GE SFP ports, 4*10GE SFP+ ports, 2*12GE stack ports, 247W PoE, built-in AC power, Fanless)
N1-S57L-M-Lic	S57XX-L Series Basic SW,Per Device
N1-S57L-M-SnS1Y	S57XX-L Series Basic SW,SnS,Per Device,1Year
N1-S57L-F-Lic	N1-CloudCampus,Foundation,S57XX-L Series,Per Device
N1-S57L-F-SnS	N1-CloudCampus,Foundation,S57XX-L Series,SnS,Per Device
N1-S57L-A-Lic	N1-CloudCampus,Advanced,S57XX-L Series,Per Device

Model	Product Description
N1-S57L-A-SnS	N1-CloudCampus,Advanced,S57XX-L Series,SnS,Per Device
N1-S57L-FToA-Lic	N1-Upgrade-Foundation to Advanced,S57XX-L,Per Device
N1-S57L-FToA-SnS	N1-Upgrade-Foundation to Advanced,S57XX-L,SnS,Per Device

More Information

For more information about Huawei Campus Switches, visit http://e.huawei.com or contact us in the following ways:

- Global service hotline: http://e.huawei.com/en/service-hotline
- Logging in to the Huawei Enterprise technical support website: http://support.huawei.com/enterprise/
- Sending an email to the customer service mailbox: support_e@huawei.com

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