Datasheet

Get a Quote



### **Overview**

Based on the next-generation high-performance hardware and Huawei's unified software platform, the CloudEngine S5735-L-V2 series switches feature flexible Ethernet networking, various security control methods, and easy O&M.

These switches support multiple Layer 3 routing protocols, provide higher performance, and offer more service processing capabilities, making them ideal for various industries, such as healthcare, retail, mining, and Internet.

#### **Quick Specification**

#### Table 1 shows the Quick Specification.

Model	S5735-L8P4S-A-V2
Part Number	98011986
Description	S5735-L8P4S-A-V2 (8*10/100/1000BASE-T ports, 4*GE SFP ports, PoE+, built-in AC power)
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 320.0 mm x 210.0 mm (1.72 in. x 12.6 in. x 8.27 in.)  Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 320.0 mm x 217.0 mm (1.72 in. x 12.6 in. x 8.54 in.)
Weight with packaging [kg(lb)]	3.05 kg (6.72 lb)
Typical power consumption [W]	19.99 W
Maximum power consumption [W]	Without PoE: 25.09 W Full PoE load: 166.65 W (PoE: 125 W)
Memory	2 GB
Flash memory	Physical space: 1 GB
PoE	Supported

Figure 1 shows the appearance of S5735-L8P4S-A-V2.





Datasheet

Get a Quote



### **Get More Information**

Do you have any question about the S5735-L8P4S-A-V2 (98011986)?

Contact us now via info@hi-network.com.

## **Specification**

S5735-L8P4S-A-V2 Specification		
Model	S5735-L8P4S-A-V2	
Part Number	98011986	
Description	S5735-L8P4S-A-V2 (8*10/100/1000BASE-T ports, 4*GE SFP ports, PoE+, built-in AC power)	
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 320.0 mm x 210.0 mm (1.72 in. x 12.6 in. x 8.27 in.)  Maximum dimensions (the depth is the distance from ports on the front panel to the parts protruding from the rear panel): 43.6 mm x 320.0 mm x 217.0 mm (1.72 in. x 12.6 in. x 8.54 in.)	
Dimensions with packaging (H x W x D) [mm(in.)]	90.0 mm x 465.0 mm x 380.0 mm (3.54 in. x 18.31 in. x 14.96 in.)	
Chassis height [U]	1 U	
Weight without packaging [kg(lb)]	2.23 kg (4.92 lb)	
Weight with packaging [kg(lb)]	3.05 kg (6.72 lb)	
Typical power consumption [W]	19.99 W	
Typical heat dissipation [BTU/hour]	68.21 BTU/hour	
Maximum power consumption [W]	Without PoE: 25.09 W Full PoE load: 166.65 W (PoE: 125 W)	
Maximum heat dissipation [BTU/hour]	Without PoE: 85.61 Full PoE load: 568.63	
Static power consumption [W]	17.19 W	
MTBF [years]	69.71 years	
MTTR [hours]	2 hours	
Availability	> 0.99999	
Noise at normal temperature (acoustic power) [dB(A)]	47 dB(A)	
Noise at normal temperature (acoustic pressure) [dB(A)]	35 dB(A)	
Number of card slots	0	
Number of power slots	0	
Number of fans modules	1	
Redundant power supply	Not supported	



# S5735-L8P4S-A-V2 (98011995)

# Datasheet

Get a Quote



Restriction on the operating temperature variation rate ['C('F)]  Storage temperature ['C('F)]  Long-term operating reliative humidity (RH)  See RH to 95% RH to 95% RH (non-condensing)  Long-term operating reliative humidity (RH)  AC built (no. 1 of-1644 ft.)  Compute supply mode  RAC input: 100–240 V AC; 50/80 Hz  Racid input voltage (V)  AC input: 100–240 V AC; 50/80 Hz  Racid input voltage (V)  AC input: 100–240 V AC; 50/80 Hz  Racid input voltage (V)  AC input: 100–240 V AC; 50/80 Hz  Racid input voltage (V)  Racid input voltage (V	Long-term operating temperature [°C(°F)]	-5°C to +50°C (23°F to 122°F) at an altitude of 0-1800 m (0-5905.44 ft.)
FC (1.8°F) very time the altitude increases by 220 m (722 ft.).   Devices cannot start when the temperature is lower than O'C (32°F).   Storage temperature [°C(°F)]		
Storage temperature [**CC*F]		
Long-term operating relative humidity (RH)  Long-term operating altitude [m(ft.)]  Storage altitude [m(ft.)]  Power supply mode  AC built-in  Rated input voltage [V]  AC input: 100 - 240 V AC; 50:60 Hz  Input voltage range [V]  AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz  Maximum input current [A]  AS A  Memory  2 GB  Flash memory  Physical space: 1 GB  Console port  RJ45  Eth Management port  Not supported  USB  Not supported  RTC  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  Types of fans  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Air low direction  Safety certification  Safety certification  Safety certification		Devices cannot start when the temperature is lower than 0°C (32°F).
Long-term operating altitude [m(ft.)]  Storage altitude [m(ft.)]  Power supply mode  AC built-in  Rated input voltage [V]  AC input: 100-240 V AC; 50:60 Hz  Input voltage range [V]  AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz  Maximum input current [A]  3 A  Memory  2 GB  Flash memory  Physical space: 1 GB  Console port  RJ45  Eth Management port  Not supported  USB  Not supported  RTC  Not supported  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  Types of fans  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  EMC certification  Safety certification  Safety certification	Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Storage altitude [m(ft.)]  Power supply mode  AC built-in  Rated input voltage [V]  AC input: 100-240 V AC; 50:60 Hz  Input voltage range [V]  AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz  Maximum input current [A]  3 A  Memory  2 GB  Flash memory  Physical space: 1 GB  Console port  R145  Eth Management port  Not supported  USB  Not supported  Not supported  RTC  Not supported  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Ingress protection level (dustproof/waterproof)  IP20  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  EMC certification  Safety certification  Safety certification  Safety certification	Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
Power supply mode  AC built-in  Rated input voltage [V]  AC input: 100–240 V AC; 50:60 Hz  Input voltage range [V]  AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz  Maximum input current [A]  3 A  Memory  2 GB  Flash memory  Physical space: 1 GB  Console port  RJ45  Edt Management port  Not supported  Not supported  RTC  Not supported  RTC  Not supported  RPS input  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV: common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  IP20  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  EMC certification  Safety certification  Safety certification	Long-term operating altitude [m(ft.)]	0–5000 m (0–16404 ft.)
Rated input voltage [V]  AC input: 100-240 V AC; 50/60 Hz  Input voltage range [V]  AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz  Maximum input current [A]  3 A  Memory  2 GB  Flash memory  Physical space: 1 GB  Console port  RJ45  Eth Management port  Not supported  Not supported  RTC  Not supported  RPS input  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Ingress protection level (dustproof/waterproof)  Types of fans  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Certification  Safety certification  Safety certification	Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Input voltage range [V]  AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz  Maximum input current [A]  3 A  Memory  2 GB  Flash memory  Physical space: 1 GB  Console port  RJ45  Eth Management port  Not supported  Not supported  Not supported  RTC  Not supported  RTC  Not supported  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Ingress protection level (dustproof/waterproof)  IP20  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  POE  EMC certification  Safety certification  Safety certification	Power supply mode	AC built-in
Maximum input current [A] 3 A  Memory 2 GB  Flash memory Physical space: 1 GB  Console port RJ45  Eth Management port Not supported  USB Not supported  RTC Not supported  RPS input Not supported  Service port surge protection [kV] Common mode: ±7 kV  Power supply surge protection [kV] Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  IP20  Types of fans Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airllow direction Air intake from left and front, air exhaustion from right  PoE  EMC certification  Safety certification	Rated input voltage [V]	AC input: 100–240 V AC; 50/60 Hz
Memory   2 GB	Input voltage range [V]	AC input: 90 V AC to 300 V AC; 47 Hz to 63 Hz
Flash memory  Physical space: 1 GB  Console port  RJ45  Eth Management port  USB  Not supported  Not supported  RTC  Not supported  Not supported  RPS input  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  IP20  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification	Maximum input current [A]	3 A
Eth Management port  USB  Not supported  Not supported  RTC  Not supported  RTC  Not supported  RTC  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Ingress protection level (dustproof/waterproof)  Types of fans  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification  Safety certification	Memory	2 GB
Eth Management port  USB  Not supported  RTC  Not supported  RPS input  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Ingress protection level (dustproof/waterproof)  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification	Flash memory	Physical space: 1 GB
Not supported  RTC  Not supported  RPS input  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  IP20  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification	Console port	RJ45
RTC Not supported  RPS input Not supported  Service port surge protection [kV] Common mode: ±7 kV  Power supply surge protection [kV] Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof) IP20  Types of fans Built-in  Heat dissipation mode Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction Air intake from left and front, air exhaustion from right  PoE Supported  EMC certification  Certification Safety certification	Eth Management port	Not supported
RPS input  Not supported  Service port surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  IP20  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification	USB	Not supported
Service port surge protection [kV]  Power supply surge protection [kV]  Differential mode: ±6 kV; common mode: ±6 kV  Ingress protection level (dustproof/waterproof)  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification	RTC	Not supported
Power supply surge protection [kV]  Ingress protection level (dustproof/waterproof)  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Safety certification	RPS input	Not supported
Ingress protection level (dustproof/waterproof)  Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Certification  Safety certification	Service port surge protection [kV]	Common mode: ±7 kV
Types of fans  Built-in  Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Airflow direction  Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Certification  Safety certification	Power supply surge protection [kV]	Differential mode: ±6 kV; common mode: ±6 kV
Heat dissipation mode  Air cooling for heat dissipation, intelligent fan speed adjustment  Air lintake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Certification  Safety certification	Ingress protection level (dustproof/waterproof)	IP20
Air intake from left and front, air exhaustion from right  PoE  Supported  EMC certification  Certification  Safety certification	Types of fans	Built-in
PoE Supported  EMC certification  Certification Safety certification	Heat dissipation mode	Air cooling for heat dissipation, intelligent fan speed adjustment
EMC certification  Certification  Safety certification	Airflow direction	Air intake from left and front, air exhaustion from right
Certification Safety certification	PoE	Supported
	Certification	EMC certification
Manufacturing certification		Safety certification
		Manufacturing certification

### Want to Buy

Get a Quote



## S5735-L8P4S-A-V2 (98011995)

Datasheet

Get a Quote















### **Contact HI-NETWORK.COM For Global Fast Shipping**

HongKong Office Tel: +00852-66181601 HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com Skype: echo.hinetwork

WhatsApp Business: +8618057156223

