

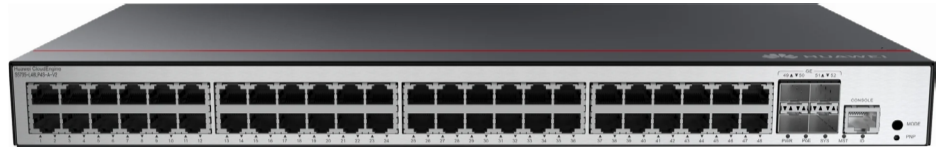
# S5735-L48LP4S-A-V2 Datasheet



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## 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 Spec

Table 1 shows the Quick Specs.

Model	S5735-L48LP4S-A-V2
Part Number	98012047
Description	S5735-L48LP4S-A-V2 (48*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 442.0 mm x 220.0 mm (1.72 in. x 17.4 in. x 8.66 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 442.0 mm x 227.0 mm (1.72 in. x 17.4 in. x 8.94 in.)
Weight with packaging [kg(lb)]	3.24 kg (7.14 lb)
Typical power consumption [W]	48.64 W
Maximum power consumption [W]	Without PoE: 63.70 W Full PoE load: 462.80 W (PoE: 380 W)
Memory	2 GB
Flash memory	Physical space: 1 GB
PoE	Supported

## Specification

S5735-L48LP4S-A-V2 Specification	
Model	S5735-L48LP4S-A-V2
Part Number	98012047
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Dimensions with packaging (H x W x D) [mm(in.)]	90.0 mm x 550.0 mm x 360.0 mm (3.54 in. x 21.65 in. x 14.17 in.)
Chassis height [U]	1 U
Weight without packaging [kg(lb)]	3.24 kg (7.14 lb)
Weight with packaging [kg(lb)]	4.29 kg (9.46 lb)
Typical power consumption [W]	48.64 W
Typical heat dissipation [BTU/hour]	165.96 BTU/hour



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Maximum power consumption [W]	Without PoE: 63.70 W Full PoE load: 462.80 W (PoE: 380 W)
Maximum heat dissipation [BTU/hour]	Without PoE: 217.35 Full PoE load: 1579.12
Static power consumption [W]	34.04 W
MTBF [years]	48.14 years
MTTR [hours]	2 hours
Availability	> 0.99999
Noise at normal temperature (acoustic power) [dB(A)]	49.3 dB(A)
Noise at normal temperature (acoustic pressure) [dB(A)]	37.3 dB(A)
Number of card slots	0
Number of power slots	0
Number of fans modules	2
Redundant power supply	Not supported
Storage temperature [°C(°F)]	-40°C to +70°C (-40°F to +158°F)
Long-term operating relative humidity [RH]	5% RH to 95% RH (non-condensing)
Long-term operating altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Power supply mode	AC built-in
Rated input voltage [V]	AC input: 100 V AC to 240 V AC, 50/60 Hz
Input voltage range [V]	High-voltage DC input: 240 V DC
Maximum input current [A]	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
Maximum input current [A]	6 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
Airflow direction	Air intake from left and air exhaust from right
PoE	Supported

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