Huawei S310-24P4X-M

Ethernet Switch · Specification summary

Huawei description	S310-24P4X-M (24*10/100/1000BASE-T ports(PoE+), 4*10GE SFP+ ports, with 1*AC power module)
Part number	98013235
Huawei category	Switch / S310 Series
Static power consumption [W]	28.65
Number of card slots	0
GE RJ45	24(PoE+) (1G/100M/10M)
10G SFP+	4 (10G/1G)
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 420.0 mm (1.72 in. x 17.40 in. x 16.54 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 446.0 mm (1.72 in. x 17.40 in. x 17.56 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	185.0 mm x 650.0 mm x 550.0 mm (7.28 in. x 25.59 in. x 21.65 in.)
Installation type	Rack mounting,Desk mounting
Weight without packaging [kg(lb)]	5.76 kg (12.7 lb)
Weight with packaging [kg(lb)]	7.66 kg (16.89 lb)
Typical power consumption [W]	39.43
Typical heat dissipation [BTU/hour]	134.54
Maximum power consumption [W]	Without PoE: 45.80 W (with two 600 W AC power modules); 55.70 W (with two 1000 W AC power modules); 64.68 W (with two 1000 W DC power modules); Full PoE load: 1023.22 W (PoE: 840 W, with three 1000 W AC power modules)
Maximum heat dissipation [BTU/hour]	Without PoE: 156.27 (with two 600 W AC power modules); 190.05 (with two 1000 W AC power modules); 220.69 (with two 1000 W DC power modules); Full PoE load: 3491.33 (PoE: 2866.16, with three 1000 W AC power modules)
Number of power slots	3
Number of fans modules	2
Redundant power supply	1+1+1; Pluggable AC and DC power modules can be used together on the same device.
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.)

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
Storage altitude [m(ft.)]	0-5000 m (0-16404 ft.)
Rated input voltage [V]	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 (PAC600S56-EB; PAC1000S56-EB (02314APU)); High-voltage DC input: 125 V DC to 240 V DC (PAC1000S56-EB (02314APU-001)); DC input: –48 V DC to –60 V DC
Input voltage range [V]	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 (PAC600S56-EB; PAC1000S56-EB (02314APU)); High-voltage DC input: 100 V DC to 290 V DC (PAC1000S56-EB (02314APU-001)); DC input: –38.4 V DC to –72 V DC
Types of fans	Built-in
PoE	Supported
Maximum PoE power consumption [W]	Single-power module scenario: Single 600 W AC power module: 532 W (220 V AC); 247 W (110 V AC); Single 1000 W AC power module: 840 W (220 V AC); 774 W (110 V AC); Single 1000 W DC power module: 840 W (56 V DC); Dual-power module scenario: 600 W AC power module + 600 W AC power module: 840 W (220 V AC); 532 W (110 V AC); 600 W AC power module + 1000 W AC power module: 840 W (220 V AC); 600 W AC power module + 1000 W DC power module: 840 W (220 V AC/56 V DC); 1000 W AC power module + 1000 W AC power module: 840 W (220 V AC); 840 W (110 V AC); 1000 W DC power module + 1000 W DC power module: 840 W (56 V DC); 1000 W AC power module + 1000 W DC power module: 840 W (220 V AC/56 V DC); 840 W (110 V AC/56 V DC); Three-power module scenario: 600 W AC power module + 600 W AC power module + 600 W AC power module: 840 W (220 V AC); 817 W (110 V AC); 600 W AC power module + 600 W AC power module + 1000 W AC power module: 840 W (220 V AC); 600 W AC power module + 1000 W AC power module + 1000 W AC power modu

Specifications are summarised from the manufacturer's published information (checked 2026-10-27). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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