



Huawei S310-24J4X

24-Port 2.5G L3 Fiber Managed Switch · Specification summary



Huawei description	S310-24J4X (24*2.5GE SFP ports, 4*10GE SFP+ ports, built-in AC power)
Part number	98013245
Huawei category	Switch / S310 Series
Integrated fixed device	Y
First supported version	V600R025C10
Remarks	A maximum of 12 copper modules can be installed on 1000BASE-X optical ports.
Certification	EMC certification; Safety certification; Manufacturing certification
Chassis material	Metal
Static power consumption [W]	28.3
Number of card slots	0
2.5G SFP	24 (2.5G/1G/100M)
10G SFP+	4 (10G/2.5G/1G)
Number of fans modules	2
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.)
Restriction on the operating temperature variation rate [°C(°F)]	When the altitude is 1800-5000 m (5906-16404 ft.), the highest operating temperature reduces by 1°C (1.8°F) every time the altitude increases by 220 m (722 ft.); Devices cannot start when the temperature is lower than 0°C (32°F).
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 17.40 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 228.0 mm (1.72 in. x 17.40 in. x 8.98 in.)
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
Installation type	Rack mounting,Desk mounting,Wall mounting
Weight without packaging [kg(lb)]	2.72 kg (6 lb)
Weight with packaging [kg(lb)]	3.32 kg (7.32 lb)
Typical power consumption [W]	48.4

Typical heat dissipation [BTU/hour]	165.2
Maximum power consumption [W]	76
Maximum heat dissipation [BTU/hour]	259.3
MTBF [years]	51.36
MTTR [hours]	2
Availability	> 0.99999
Noise at normal temperature (acoustic power) [dB(A)]	52.8
Noise at high temperature (acoustic power) [dB(A)]	59.8
Noise at normal temperature (acoustic pressure) [dB(A)]	39.35
Number of power slots	0
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; High-voltage DC input: 240 V DC
Input voltage range [V]	AC input: 90 V AC to 264 V AC; 47 Hz to 63 Hz; High-voltage DC input: 88 V DC to 300 V DC
Maximum input current [A]	2 A
CPU	1.1 GHz, 2 cores
Memory	2 GB
Flash memory	Physical space: 1 GB
Console port	RJ45
Eth Management port	RJ45
USB	Supported
Dying gasp	Supported
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
Power consumption at 100% traffic [W]	50.8

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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