Huawei S310S-8T2X

8-Port Gigabit L2+ Managed Switch · Specification summary

Huawei description	8 x 10/100/1000BASE-T ports, 2 x 10GE SFP+ ports | Packet forwarding rate: 42 Mpps | Switching capacity: 56 Gbit/s
Part number	98012459
Huawei category	Switch / S310S Series
Switching capacity	56 Gbit/s
Packet forwarding rate	42 Mpps
GE RJ45	8 (1G/100M/10M)
10G SFP+	2 (10G/1G/100M)
Certification	EMC certification; Safety certification; Manufacturing certification
Chassis material	Metal
Static power consumption [W]	5.18
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 250 mm x 180 mm (1.72 in. x 9.84 in. x 7.09 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 250 mm x 187 mm (1.72 in. x 9.84 in. x 7.36 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	113.0 mm x 310.0 mm x 240.0 mm (4.45 in. x 12.20 in. x 9.45 in.)
Installation type	Rack mounting,Desk mounting,Wall mounting
Weight without packaging [kg(lb)]	1.34 (2.95)
Weight with packaging [kg(lb)]	2.07 kg (4.56 lb)
Typical power consumption [W]	10.31
Maximum power consumption [W]	10.94
Long-term operating temperature [°C(°F)]	–5°C to +40°C (23°F to 104°F) at an altitude of 0-1800 m (0-5905.44 ft.)
Long-term operating relative humidity [RH]	5% RH to 95% RH, non-condensing
Power supply mode	AC built-in
Input voltage range [V]	AC input: 90 V AC to 264 V AC; 45 Hz to 65 Hz
Power supply surge protection [kV]	Differential mode: ±6 kV; common mode: ±6 kV
Heat dissipation mode	Natural heat dissipation

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.