Huawei S630-48X6Q

48-Port 10G L3 Fiber Core Switch (with QSFP+ Uplinks) · Specification summary

Huawei description	S630-48X6Q (48*10GE SFP+ ports, 6*40GE QSFP+ ports, with 1*AC power module)
Part number	02357NBA
Huawei category	Switch / S600 Series
Static power consumption [W]	97
10G SFP+	48 (10G/2.5G/1G)
40G QSFP+	6 (40G)
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.)]	175.0 mm x 650.0 mm x 550.0 mm (6.89 in. x 25.59 in. x 21.65 in.)
Installation type	Rack mounting,Desk mounting
Weight without packaging [kg (lb)]	5.84 (12.87)
Weight with packaging [kg (lb)]	9.2 (20.28)
Typical power consumption [W]	165
Typical heat dissipation [BTU/hour]	563
Maximum power consumption [W]	High temperature 45°C (113°F), 100% traffic, and dual power modules: 207 W; High temperature 45°C (113°F), 100% traffic, long-distance optical module, 100% fan speed, and dual power modules: 291 W
Maximum heat dissipation [BTU/hour]	High temperature 45°C (113°F), 100% traffic, and dual power modules: 706.30; High temperature 45°C (113°F), 100% traffic, long-distance optical module, 100% fan speed, and dual power modules: 992.92
Number of power slots	2
Number of fans modules	4
Redundant power supply	1+1; Pluggable AC and DC power modules can be used together in the same switch.
Long-term operating temperature [°C (°F)]	–5°C to +45°C (23°F to 113°F) at an altitude of 0 to 1800 m (0 to 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).; When the QSFP-100G-ER4 optical module is used, the operating temperature ranges from -5°C to +40°C (23°F to 104°F).
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
Power supply mode	Pluggable power supply
Rated input voltage [V]	AC input: 100 V AC to 240 V AC; 50/60 Hz; High-voltage DC input: 240 V DC; DC input: –48 V DC to –60 V DC
Input voltage range [V]	AC input: 90 V AC to 290 V AC; 45–65 Hz; High-voltage DC input: 190 V DC to 290 V DC; DC input: -38.4 V DC to -72 V DC
Types of fans	Pluggable
Heat dissipation mode	Air cooling for heat dissipation, intelligent fan speed adjustment
Power consumption at 100% traffic [W]	168

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.