



Huawei AR580 Plus

Enterprise-Grade 2.5GE Combo Router · Specification summary



Huawei description	AR580Plus (AR580-4T4N2X, 1*10GE(SFP+)WAN, 2*2.5GE WAN, 4*GE LAN, 2*2.5GE LAN, 1*10GE(SFP+)LAN, 1*USB2.0, built-in AC power)
Part number	50010884
Huawei category	Router / AR500 Series
Installation type	Rack, Work bench
Dimensions without packaging (H x W x D) [mm(in.)]	Basic dimensions (excluding the parts protruding from the body): 43.6 mm x 320 mm x 210 mm (1.72 in. x 12.60 in. x 8.27 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 320 mm x 215 mm (1.72 in. x 12.6 in. x 8.46 in.)
Dimensions with packaging (H x W x D) [mm(in.)]	90 mm x 465 mm x 360 mm (3.54 in. x 18.31 in. x 14.17 in.)
Weight with packaging [kg(lb)]	2.53 (5.58)
Weight without packaging [kg(lb)]	1.94 (4.28)
Typical power consumption [W]	32
Maximum power consumption [W]	38
Power supply mode	AC built-in
Rated input voltage [V]	100 V to 240 V, 50 Hz/60 Hz
Maximum input current [A]	0.8
Maximum output power [W]	32
Input voltage range [V]	90 V to 264 V, 47 Hz to 63 Hz
Types of fans	Built-in
Long-term operating temperature [°C(°F)]	0°C to 45°C (32°F to 113°F); Note: 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.).
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
LAN ports	4 x GE electrical, 2 x 2.5GE electrical, 1 x 10GE optical
WAN ports	2 x 2.5GE electrical, 1 x 10GE optical
GE RJ45	4 (1G/100M/10M)

Number of power modules	1
Number of fan modules	1
Heat dissipation mode	Air cooling
2.5GE RJ45	4 (2.5G/1G/100M)
10G SFP+	2 (10G/1G)

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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