TP-Link EAP610GP-Desktop

Omada AX1800 Wi-Fi 6 Desktop GPON Access Point · Specification summary



Interface	1x GPON Port; 1x FXS Port; 4x Gigabit RJ45 Ports (One Supporting 802.3af PoE Out)
GPON Interface	Port Type: SC-APC; Standards and Protocols: ITU-984.x, G.988, Class B+; Data Rate: 2.488 Gbps (Downstream); 1.244 Gbps (Upstream); Fiber Type: 9/125 um Single mode; Max. Cable Length: 20 km
Button	Reset; LED
Power Supply	53.5V/0.81A DC
Max. Power Consumption	17.3W (PoE Out Off)
Weight	492g
Dimensions (W × D × H)	6.9 × 5.5 × 1.3 in (175 × 140 × 33 mm)
Antenna	Internal Omni; 2.4 GHz: 2× 5 dBi; 5 GHz: 2× 4.5 dBi
Mounting	Desktop / Wall mouting (Kits included)
Management Features (supported)	Omada App, Email Alerts, LED ON/OFF Control, Management MAC Access Control, SSH, Web-based Management
Centralized Management	Omada Cloud-Based Controller; Omada Hardware Controller; Omada Software Controller
Cloud Access	Yes. Require the use of an Omada controller.
SNMP	v1, v2c, v3
System Logging Local/Remote Syslog	System Log
Zero-Touch Provisioning	Yes. Require the use of Omada Cloud-Based Controller.
Coverage	140□(1500ft²)
Concurrent Clients	120+
Wireless Standards	IEEE 802.11 a/b/g/n/ac/ax
Frequency	2.4 GHz and 5 GHz
Signal Rate	5 GHz: 1201 Mbps; 2.4 GHz: 574 Mbps

Wireless Functions	2×2 (2.4G & 5G) MU-MIMO; HE80 (80 MHz Bandwidth); OFDMA; Mesh; Seamless Roaming; Multiple SSIDs (16 SSIDs, 8 on each band); Enable/Disable SSID Broadcast; Enable/Disable Wireless Radio; Guest Network; Automatic Channel Assignment; Beamforming; Rate Limit; Band Steering; Load Balance; Airtime Fairness; Transmit Power Control (Adjust Transmit Power on dBm); QoS (WMM); RADIUS Accounting; MAC Authentication; Reboot Schedule; Wireless Schedule and Statistics; Static IP/Dynamic IP
Wireless Security	Captive Portal Authentication; Access Control; Wireless Mac Address Filtering; Wireless Isolation Between Clients; VLAN; Rogue AP Detection; 802.1X Support; WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise
Transmission Power	CE: <20 dBm(2.4 GHz, EIRP); <23 dBm(5 GHz, band1 & band2, EIRP); <27 dBm(5 GHz, band3, EIRP); FCC: <25 dBm (2.4 GHz); <25 dBm (5 GHz)
Certification	CE, FCC, IC
Package Content	EAP610GP-Desktop; Desktop/Wall Mounting Kit; Power Adapter; Installation Guide
Environment	Operating Temperature: 0–40 ℃ (32–104 ℉); Storage Temperature: -40–70 ℃ (-40–158 ℉); Operating Humidity: 10–90% RH non-condensing; Storage Humidity: 5–90% RH non-condensing

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). 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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