TP-Link RE305 AC1200 Wi-Fi Range Extender

Technical datasheet - model-level reference

Product overview

Dual-band AC1200 Wi-Fi range extender for extending wireless coverage; can also operate in Access Point mode.

Rated Wi-Fi link rates: up to 300 Mbps on 2.4 GHz and up to 867 Mbps on 5 GHz. These are theoretical signaling rates, not guaranteed internet throughput.

Hardware and connectivity

Two external antennas; one 10/100 Mbps RJ45 Ethernet port; WPS and Reset buttons.

Typical published dimensions: 80 x 78 x 77 mm. Published maximum power consumption: 7.3 W (hardware/regional variant dependent).

Standards and management

IEEE 802.11b/g/n (2.4 GHz), 802.11a/n/ac (5 GHz). TP-Link Tether app and web management are supported.

Confirm hardware version (e.g., V1, V3, V4) and region before relying on revision-specific details.

Sources and official documentation

https://www.tp-link.com/us/home-networking/range-extender/re305/

https://www.tp-link.com/ae/support/download/re305/

https://static.tp-link.com/RE305_1.0-datasheet.pdf

https://static.tp-link.com/RE305_V1_User%20Guide.pdf

Independent product reference sheet; not an official TP-Link-issued document. Hardware revisions and regional terms can differ.