PROFESSIONAL WIFI / INDOOR

INDOOR E6

Tri-band professional indoor router

Tri-band WiFi 7, four 2.5 GbE ports and a 10G optical interface for connected professional buildings.

Three-band WiFi 7

2.4, 5 and 6 GHz operation with six external antennas.

Multi-gigabit connectivity

Four 2.5 GbE ports and a 10G SFP+ interface.

Network services

VPN support, OpenWrt features and Docker support.



WiFi 7	3 BANDS	4x 2.5G	10G
WIRELESS TECHNOLOGY	2.4 / 5 / 6 GHz	ETHERNET PORTS	SFP+ INTERFACE

A connected professional workspace.

Local wireless access

Serve indoor client devices across the supported radio bands.

Wired integration

Connect multi-gigabit devices and the optical uplink.

Network services

Configure the supported routing, security and VPN functions.

1. PHY rates are theoretical. Actual throughput and range depend on radio configuration, client equipment, line of sight and operating conditions.

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TECHNICAL SPECIFICATIONS

INDOOR E6

Radio & performance

Device type	Indoor WiFi router
Wireless technology	WiFi 7
Radio configuration	2.4 / 5 / 6 GHz
Maximum radio rates	574 + 2,880 + 5,760 Mbps
Antenna configuration	6 external antennas, 5 dBi
MLO	Supported
Wireless standard	IEEE 802.11be / ax at 6 GHz; be / ax / ac / n / a at 5 GHz; ax / n / b / g at 2.4 GHz
Spatial diversity	6 streams across three bands
Advanced radio features	MLO · 4096-QAM · Multi-RU

Networking & management

Security	WPA3 / WPA-WPA2 Enterprise (802.1X)
VPN	OpenVPN / WireGuard / PPTP / L2TP
Operating system features	OpenWrt / Docker support
Network protocols	IPv4 · IPv6
WAN connection types	Dynamic IP · Static IP · PPPoE · PPTP · L2TP
Firewall	SPI firewall · Access control · IP / MAC binding

Hardware & power

Network interfaces	4× 2.5 GbE · 1× 10G SFP+
USB	1× USB 3.0
Processor	Qualcomm IPQ5322, quad-core 1.5 GHz
Power	DC / 802.3af/at PoE input
RAM	2 GB DDR4
Storage	64 GB eMMC
Maximum consumption	40 W with attachments · 16 W without attachments
PoE input	802.3af/at on LAN 1 · 36-56 V
PoE output	Passive PoE on WAN 1
PoE output current	1 A low voltage · 450 mA high voltage · 1 A total maximum
Buttons	Reset · WPS

Mechanical & environmental

Cooling	Passive

Ordering information

Model	INDOOR E6
Package contents	Available on request

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