COMTREND

PRT-7301

WiFi 7 BE7200
Ethernet Gateway

WiFi 7 BE7200 | 10GbE WAN | 10GbE LAN | 1GbE LAN x4 | VoIP

The PRT-7301 is a WiFi 7 Ethernet gateway that elevates home connectivity with next-generation dual-band BE7200 wireless technology. Equipped with a 10 Gigabit Ethernet WAN, 4 Gigabit Ethernet LAN , and dual-band WiFi 7 (2.4GHz 4T4R + 5GHz 4T5R), this gateway ensures lightning-fast, stable connections for seamless streaming, gaming, and smart home experiences. The PRT-7301 delivers unmatched performance, future-proofing your network for years to come.

Key Benefits

Stay Ahead with WiFi 7 Speeds to Meet Growing Bandwidth Demands

Experience next-generation BE7200 WiFi 7 performance with up to 2X the throughput, ensuring ultra-smooth gaming, 8K streaming, and reliable smart home connectivity.

Versatile 10G Ethernet WAN for Flexible Deployments

Designed for diverse network environments, this WiFi 7 Ethernet Gateway features a 10Gbps Ethernet WAN that supports multiple connection types, including fiber and high-speed broadband.

Enhanced Remote Management for Faster Support Resolution

TR-069 support, along with TR-181 support, provides deeper insights into subscriber LAN networks, enabling better remote management, faster issue resolution, and enhanced customer support.

WiFi 7: The Next Level of WiFi Performance

2X HIGHER THROUGHPUT
320 MHz Superwide Channels

20% HIGHER TRANSMISSION RATES
4K QAM

ENHANCED SPECTRAL EFFICIENCY
Multiple RUs to a single STA

DETERMINISTIC LATENCY, INCREASED EFFICIENCY, GREATER RELIABILITY
Multi-link Operation (MLO)

REDUCED TRANSMISSION OVERHEAD
512 Compressed Block Ack

Key Features

- WiFi 7 BE7200
- 10GbE WAN
- 10GbE LAN
- Gigabit LAN x4
- VoIP Ports x2
- Remote Management
  OMCI, TR-069/TR-181

Specifications

Hardware

- 10 Gigabit WAN x1
- 10 Gigabit LAN x1
- Gigabit LAN x4
- VoIP (FXS) x2
- USB3.0 x1
- LEDs: POWER / WAN / NET / 2.4G/ 5G / 5G / TEL1 / TEL2 / MESH
- Buttons: Reset, WPS/MESH, WiFi/LED

WiFi

- 2.4GHz: 11be 4×4
- 2.4G Phy rate: 1376Mbps
- 5GHz:11be 4×4
- 5G Phy rate: 5764Mbps

Features

- WAN Type: IPoE / Static IP / PPPoE / Bridge
- Supports VLAN 1-4094
- Protocols: IPv4 / IPv6 dual stack
- Support IGMP Snooping & Proxy
- T.30/T.38/G.711 FAX mode
- Supports WAN/LAN access the Telnet & HTTP
- Supports Parental Controls
- Security: Firewall, IP/ MAC /URL Filter
- Supports TR-069 Remote Management Protocol, TR-181
- Call waiting/ Unconditional Call Forward/Call Forward Busy/ Call Forward No Reply/ Three-party calls

Power Adapter:

- DC 12V/3A

Dimensions:

- 190mm x 800mm x 255mm (L x W x H)
- 7.48 in x 31.50 in x 10.04 in (L x W x H)

Environment & Physical

- Temperature Range:
  - Operation: 0 to 40ºC / 32 to 104ºF
  - Storage: -40 to 70ºC / -40 to 158ºF
- Humidity (non-condensing):
  - Relative Humidity: 5% to 90%
  - Storage Humidity: 5% to 95%

Note: Specifications are subject to change without notice

Key Features

WiFi 7
BE7200

2.4GHz & 5GHz
4x4 Concurrent

Remote Management
TR-069/TR-181

10GbE
WAN

x4 Gigabit
LAN

x2 VoIP
Ports

Specifications

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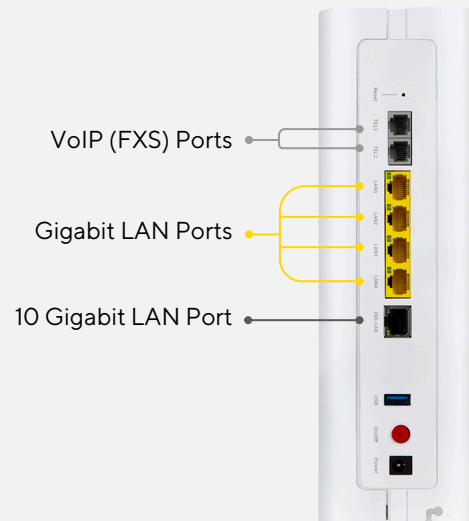- Buttons: Reset, WPS/MESH, WiFi/LED

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Hardware Description

- VoIP (FXS) Ports
- Gigabit LAN Ports
- 10 Gigabit LAN Port

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