



# WiFi 6 AX6000 ETHERNET GATEWAY

2.5G Ethernet WAN | Ultra High Power 1W | TR-069/TR-181

## PRT-6302

Comtrend's PRT-6302 WiFi 6 Ethernet Gateway offers Gigabit+ Internet speeds for Fiber, Satellite/Wireless, Cable, and other access technologies.

The PRT-6302 combines a super-fast 2.5Gigabit Ethernet WAN, technologically superior WiFi 6, and ultra high 1W power output to overcome slow connections, WiFi dead zones, and WiFi interference.



**Interoperates with FTTx Deployments**  
The PRT-6302 offers an ultra-fast 2.5 Gigabit Ethernet port for Gig+ speeds over its WAN connection.



**Premium Performance for Video Streaming**  
WiFi 6 (11ax) provides superior performance and coverage.



**Connect More Devices Simultaneously**  
WiFi 6 is ideal for simultaneously running multiple high-bandwidth devices.



**TR-069 Remote Management for Reduced Truck Rolls**  
Easily setup, manage, troubleshoot and control the CPE remotely.

## WiFi 6 Features

**4X MORE CAPACITY**  
to handle more devices

**50% INCREASED COVERAGE**

**40% FASTER THROUGHPUT**

**Battery Life of Devices UP**



# COMTREND

## PRT-6302



**2.5Gigabit Ethernet WAN**  
Ethernet WAN port for  
FTTH deployments.

**Four Gigabit Ethernet Ports**  
Connect devices up to 10x faster  
than standard Ethernet.



**Powerful WiFi 6**  
Ideal in Device-Packed Homes



## Specifications

### Hardware

- 4 x GbE RJ-45 LAN ports (10/100/1000 Base-T auto-sense)
- 1 x 2.5GbE RJ-45 WAN port (10/100/1000/2500 NBase-T)
- 1 x Reset button
- 2 x WPS & WiFi On/Off button (2.4G and 5G)
- 4 x WiFi Antennas (4 dual band antenna)
- 1 x Power switch
- 1 x USB 3.0 Host

### WLAN

- Up to AX6000Mbps PHY Rate
- Up to 1W Ultra High TX Power
- IEEE 802.11ax, 2.4GHz, 4T4R, backward compatible with 802.11n/g/b
- IEEE 802.11ax, 5GHz, 4T4R, backward compatible with 802.11ac/n/a
- WPA/WPA2/WPA3-PSK with TKIP & AES security type
- Multiple SSID
- MAC address filtering
- 802.1x radius supported
- Supports entire 5GHz band including Dynamic Frequency Selection (DFS) channels
- Supports band steering
- Supports beamforming

### Gigabit LAN

- 10/100/1000 Base T, IEEE 802.3, IEEE 802.3u IEEE 802.3ab
- Support MDI/MDIX

### 2.5Gigabit WAN

- IEEE 802.3bz
- 2.5G BASE-T, auto-sense
- Support MDI/MDX

### Networking Protocols

- MAP-T and MAP-E support
- RFC 1483/2684 VC-MUX, LLC/SMAP encapsulations for bridged or routed packet
- IPoE, PPPoE, Bridge, IPoA, PPPoA
- PPPoE pass-through, Multiple PPPoE sessions on single WAN interface
- PPPoE Filtering of non-PPPoE packets between WAN and LAN
- Transparent bridging between all LAN and WAN interfaces
- 802.1p/802.1q VLAN Support
- Spanning Tree Algorithm
- IGMP Proxy V1/V2/V3, IGMP Snooping V1/V2/V3, Fast leave
- Static route, RIP v1/V2, ARP, RARP, SNTP
- DHCP Server/Client/Relay
- DNS Proxy/Relay, Dynamic DNS
- Internet Printing Protocol
- UPnP
- IPv6 subset

### Management

- TR-069/TR-181/TR-104/TR-111/TR-143, SNMP, Telnet, Web-based management, Configuration backup and restoration
- Fine Point's TR-069 enhanced functionality is available on this model with a firmware upgrade
- NISC USS TR-069 enhanced functionality is available on this model with a firmware upgrade
- Software upgrade via HTTP, HTTPS, TFTP or FTP

### Firewall/Filtering

- Stateful Packet Inspection Firewall
- Stateless Packet Filter
- Parental Control
- URI/URL Filtering
- Denial of Service (DOS): ARP attacks, Ping attacks, Ping of Death, LAND, SYNC, Smurf, Unreachable, Teardrop
- Port Scan Detection and Protection
- TCP/IP/Port/interface filtering rules Support both incoming and outgoing filtering

### NAT/PAT

- Supports One to One, Many to One, Many to Many (Overload), Many to Many (No Overload) NAT
- NAT Loopback
- Port Triggering
- Port Forwarding (Virtual Server)
- Symmetric Port-Overloading NAT, Full-Cone NAT
- DMZ Host
- VPN Pass Through (PPTP, L2TP, IPSec)

### USB

- File Sharing (DLNA & Samba)
- Print Server

### Environment

- Operating temperature: 32~104°F (0~40°C)
- Relative humidity: 5~95% (non-condensing)

**Note: Specifications are subject to change without notice.**