5G NR Indoor Router AX3600

5G NR Sub-6 **|** 4G LTE, Cat.19 **|** WiFi6, 4T4R+4T4R **|** 1x 2.5GbE WAN **|**
3x Giga Ethernet LAN **|** 1x FXS VoIP **|**

5GR-3552

COMTREND 5GR-3552 is designed as an indoor 5G NR Wi-Fi 6 Router, with the capability to provide stable and sufficient wireless connectivity by its Dual Band 4T4R + 4T4R 11ax Wi-Fi, delivering input signals from both the 5G NR Sub-6 and 4G LTE on SA & NSA mode.

KEY FEATURES

- **5G NR Sub-6/ 4G LTE:** Supports both SA & NSA modes.
- **3GPP:** Full compliance with 3GPP Release 15 on both 5G NR and 4G LTE.
- **Wi-Fi 6 (802.11ax):** Dual Band 4T4R 2.4GHz + 4T4R 5GHz.
- **1* 2.5Gb Ethernet WAN/LAN port:** Capable to provide physical connectivity.
- **3* Gigabit Ethernet LAN port:** Capable to provide physical connectivity.
- **OFDMA and MU-MIMO:** Supports both up-link and down-link, allows efficient data transmission for more devices at the same time.
- **Remote Management:** TR-069 standard data model for ISP remote control.

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SPECIFICATIONS

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Main Chipset	▪ MediaTek T750: MT6890+MT7915AN*2

5G NR Sub-6	▪ Compliant to 3GPP Release 15
	▪ Maximum Sub-6 Bandwidth: 200MHz
	▪ Maximum DL speed of LTE+Sub6 ENDC: 4.51Gbps
	                                          Sub6 SA: 4.67Gbps
	▪ Maximum UL speed of LTE+Sub6 ENDC: 1.46Gbps
	                                          Sub6 SA: 2.5Gbps
	▪ FDD Band: n1/3/5/7/8/20/28
	▪ TDD Band: n38/39/40/41/77/78/79

4G LTE	▪ Compliant with 3GPP Release 15, Cat.19 ▪ Maximum DL speed 1.4 Gbps DL 5CA ▪ Maximum UL speed 200Mbps with 2CA ▪ FDD Band: B1/2/3/4/5/18/19/26/7/8/12/17/20/28/32 ▪ TDD Band: B34/38/39/40/41/42/43

Interfaces	▪ USB-C 3.0 port
	▪ Nano SIM slot
	▪ RJ45 x4 for Ethernet :
	  Basic configuration: 1 x GbE(WAN/LAN)+ 1 x GbE (LAN)
	  Optional:1 x 2.5GbE (WAN/LAN) + 3x GbE (LAN)
	▪ RJ11 x1 for VoIP (optional)
	▪ 2 x SMA External Antenna (optional)
	▪ Power On/Off, WPS button, Reset button

LED Display	▪ 1 X Power LED; 1 x Status LED ▪ 1 x 4G & 5G network indicator ▪ 1 x 2.4G/5G Wi-Fi network indicator ▪ 1 x Voice Service Status (optional)
Wi-Fi	▪ Wi-Fi 802.11b/g/n/ax 2.4GHz Band 4x4 ▪ Wi-Fi 802.11a/n/ac/ax 5GH Band 4x4 (80MHz) ▪ DFS Ant x 1 (optional) ▪ EIRP:20dBm @2.4GHz ; 30dBm @5GHz ▪ Antenna gain: 3-5dBi @2.4GHz; 5-6dBi@5GHz ▪ Support up to 64 client connections ▪ EasyMesh R1/R2
Software Function	▪ IPv4/Pv6 dual stack, IPv6 w/464XLAT, NAT (RFC1631) ▪ NAPT, DNS Proxy, Port forwarding, VPN Pass-through, DHCP server/client ▪ Mobile Web UI management ▪ Dual firmware image mechanism via TR069, LWM2M, or Web UI FOTA upgrade ▪ Secure boot ▪ LXC container support ▪ Companion APP *Link* ▪ BT5.1 support (optional)
ENVIRONMENT	
Physical & Environmental	▪ Power input 12V/4A AC ▪ Operating Temp: 0 ~ 40 ºC ▪ Humidity 5% ~ 95% RH (non-condensing)

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Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.