

5G NR Indoor Router AX3600

5G NR Sub-6 | 4G LTE, Cat.19 | Wi-Fi 6, 4T4R+4T4R | 1x 2.5GE WAN | 3x GE LAN | 1x FXS VoIP |

5GR-3552



COMTREND's 5GR-3552 is designed as an indoor 5G NR Wi-Fi 6 Router, with the capability of providing stable and sufficient wireless connectivity via 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.
- **1x 2.5 Gigabit Ethernet WAN/LAN port:** Capable of providing physical connectivity.
- **3x Gigabit Ethernet LAN port:** Capable of providing 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

Interfaces	<ul style="list-style-type: none">1x USB-C 3.0 port1x Nano SIM slot4x RJ45 for Ethernet : Basic configuration: 1x Gigabit Ethernet (WAN/LAN)+ 1x Gigabit Ethernet (LAN) Optional: 1 x 2.5 Gigabit Ethernet (WAN/LAN) + 3x Gigabit Ethernet (LAN)1x FXS for VoIP2x SMA External Antenna (optional)Power On/Off, WPS button, Reset button
LED Display	<ul style="list-style-type: none">1x Power LED; 1x Status LED1x 4G & 5G network indicator1x 2.4G/5G Wi-Fi network indicator1x Voice Service Status (optional)
5G NR Sub-6	<ul style="list-style-type: none">Compliant with 3GPP Release 15Maximum Sub-6 Bandwidth: 200MHzMaximum DL speed of LTE+Sub6 ENDC: 4.51Gbps Sub6 SA: 4.67GbpsMaximum UL speed of LTE+Sub6 ENDC: 1.46Gbps Sub6 SA: 2.5GbpsFDD Band: n1/3/5/7/8/20/28TDD Band: n38/39/40/41/77/78/79
4G LTE	<ul style="list-style-type: none">Compliant with 3GPP Release 15, Cat.19Maximum DL speed 1.4 Gbps DL 5CAMaximum UL speed 200Mbps with 2CAFDD Band: B1/2/3/4/5/18/19/26/7/8/12/17/20/28/32TDD Band: B34/38/39/40/41/42/43
Wi-Fi	<ul style="list-style-type: none">Wi-Fi 802.11b/g/n/ax 2.4 GHz Band 4x4Wi-Fi 802.11a/n/ac/ax 5GHz Band 4x4 (80MHz)1x DFS Ant (optional)EIRP:20dBm @2.4 GHz ; 30 dBm @5 GHzAntenna gain: 3-5dBi @2.4 GHz; 5-6dBi@5 GHzSupport up to 64 client connectionsEasyMesh R1/R2
Software Function	<ul style="list-style-type: none">IPv4/Pv6 dual stack, IPv6 w/464XLAT, NAT (RFC1631)NAPT, DNS Proxy, Port forwarding, VPN Pass-through, DHCP server/clientMobile Web UI managementDual firmware image mechanism via TR-069, LWM2M, or Web UI FOTA upgradeSecure bootLXC container supportCompanion APP LinkBT5.1 support (optional)
ENVIRONMENT	
Physical & Environmental	<ul style="list-style-type: none">Power input 12V/4A ACOperating Temp: 0 ~ 40 °CHumidity 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.