

RTR-Z Series

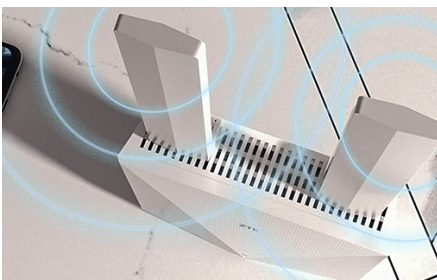


Ultra fast wireless performance.

RTR-Z Series: 5G/4G Indoor Wireless Routers for Home and Business Applications

The RTR-Z Series wireless routers are versatile connectivity solutions designed for both home and business applications, offering fast mobile internet and WiFi speeds, with strong wireless and wired network device integration. Available in 3 models, the RTR-Z Series offers compact 4G routers for small office and home users, mid-size 4G mobile broadband solutions SME and business users, and high data throughput 5G routers for enterprise applications with multiple users and high bandwidth requirements.

- 5G and 4G via nano SIM with wide frequency support
- High speed WiFi 5 / WiFi 6 and strong security protocols
- Suite of router functions configured via WebUI or app
- Support for up to 64 users across multiple devices
- WiFi-to-wired automatic failover for uninterrupted use
- 2600mAh backup battery for uninterrupted 4G service and internet connectivity during power outages (RTR-ZS)
- 4 x LAN ports to connect to multiple devices (RTR-ZM)
- Incredible speed and performance using the latest Qualcomm Snapdragon X62 Chipset (RTR-ZL)






High Strength 4G & WiFi Antennas



Connect to Multiple Users & Devices



High Performance 5G Chipset

| RTR-Z Series Specifications | | | |
|---|--|--|--|
| Device Hardware | | | |
| Ordering Information | RTR-ZS 4G Wireless Router + Battery Backup | RTR-ZM 4G Dual Band Wireless Router | RTR-ZL 5G/4G Dual Band Wireless Router |
| Image |  |  |  |
| Network Interface | 1 x RJ45 (100M) WAN/LAN Port 1 x Nano SIM Slot 1 x RJ11 | 4 x RJ45 (1000M) (1 x WAN/LAN) 1 x Nano SIM Slot 1 x RJ11 | 2 x RJ45 (1000M) (1 x WAN/LAN) 1 x Nano SIM Slot 1 x RJ11 |
| Device Indicators | Power/WiFi/Network LED Indicators Power/WPS/Reset Buttons | Power/WiFi/Network LED Indicators WPS/Reset Buttons | Power/WiFi/Network LED Indicators WPS/Reset Buttons |
| Input Power | 12VDC 1.0A | 12VDC 1.5A | 12VDC 1.5A |
| Backup Battery | 2600mAh (Li-ion) | - | - |
| Dimensions | 136 x 125 x 37mm (excl. antennas) | 146 x 182 x 27mm | 182 x 124 x 70mm |
| Weight | 270g (incl. battery) | 310g | 520g |
| Operating Environment | 0-40°C Temperature, 5-95% Humidity | -20-55°C Temperature, 5-95% Humidity | -20-55°C Temperature, 5-95% Humidity |
| Certifications | CE, WEEE, RoHS, REACH, WiFi | CE, WEEE, RoHS, REACH, WiFi | CE, WEEE, RoHS, WiFi |
| WiFi Performance | | | |
| WiFi Standard | IEEE 802.11b/g/n/ax (WiFi 6) | IEEE 802.11b/g/n/ac (WiFi 5) | IEEE 802.11a/b/g/n/ac/ax (WiFi 6) |
| WiFi Antenna | 2x2 MIMO 2.4GHz 20dBm@2.4GHz | 2x2 MIMO 2.4GHz, 2x2 MIMO 5GHz 20dBm@2.4GHz, 23dBm@5GHz | 2x2 MIMO 2.4GHz, 2x2 MIMO 5GHz |
| WiFi Data Rate | 2.4GHz 574Mbps* | 2.4GHz 300Mbps*, 5GHz 1167Mbps* | 2.4GHz 688Mbps*, 5GHz 2882Mbps* |
| WiFi Security | WEP/WPA/WPA2/WPA3-PSK | WPA/WPA-PSK/WPA2/WPA2-PSK | WPA/WPA-PSK/WPA2/WPA2-PSK/WPA3-PSK |
| WiFi Concurrent Users | 32 | 64; 32 per 2.4GHz/5GHz | 64 |
| Cellular Performance | | | |
| Cellular Category | 4G/LTE CAT4 | 4G/LTE CAT6 with 2 Carrier Aggregation | 5G NR NSA/SA with 5 Carrier Aggregation 4G/LTE-Advanced CAT16 |
| Max. Data Throughput (Download/Upload)* | FDD-LTE 150/50Mbps* TDD-LTE 110+/11+Mbps* | FDD-LTE 300/50Mbps* TDD-LTE 220+/11+Mbps* | 5G 3800/900Mbps* FDD-LTE 1000/150Mbps* |
| Supported Frequencies | FDD-LTE B1/2/3/5/7/8/20/28 TDD-LTE B38/40/41 | FDD-LTE B1/2/3/4/7/8/20/26/28/32 TDD-LTE B38/40/41 | 5G N1/3/7/8/20/28/38/40/41/75/77/78 FDD-LTE B1/3/4/5/7/8/20/28/32 TDD-LTE B38/40/41/42/43 |
| Cellular Antenna | Built-in or External LTE Antennas 23±2 dBm Max. Tx Power | Built-in Antenna, External via SMA (not incl.) 23±2.7 dBm Max. Tx Power | Built-in 5G/4G Antenna 26dBm (N41/78), 23dBm Max. Tx Power |
| Software Features | | | |
| Software Functions | Port forwarding, IP filtering, DMZ, UPnP, VPN Pass-through, VoLTE, SMS via Web UI, IPV4/ IPV6, OTA Updates | Port forwarding, IP filtering, DMZ, UPnP, VPN Pass-through, VoLTE, SMS via Web UI, IPV4/ IPV6, OTA Updates, Firewall | MAC address filtering, Wi-Fi encryption authentication, VPN Pass-through, IPV4/ IPV6, VoLTE, VoIP, DMZ, SSID, Guest SSID, Port Forwarding, Watchdog Service, DHCP, APN, Firewall, Hybrid Mode (LAN/WLAN) |
| Management Platform | Web UI, Smartlife App | Web UI, Smartlife App | Web UI, Smartlife App |
| * Maximum data rates network and environment dependent; theoretical maximum values shown; actual results will vary. | | | |

Your local network solutions professional: