

TURBOSPEED™

AC1200 Dual-Band Wireless with Full- Gigabit Ethernet

LTE Carrier Router



Model No. LR7221

Product Highlights

Embedded 4G/LTE WAN Connectivity

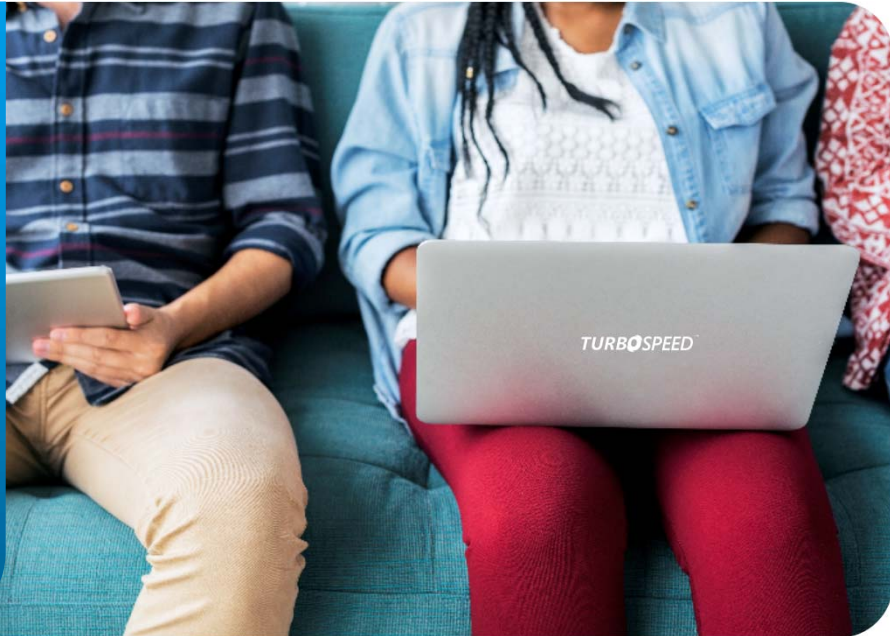
With embedded 4G/LTE WAN, user just insert SIM card and can access internet easily on anywhere.

Wireless-AC wave2 and Gigabit Ethernet

Extreme link speed offer the best connection experience. Stream HD multimedia across your home using fast wired and wireless connectivity options.

TR069/CWMP central management

Communication between ACS and CPE ensure safe auto configuration and centralize management.



Simultaneous Dual-Band AC1200 Wireless

Applies the latest IEEE 802.11ac wave2 technology to deliver concurrent transfer rates of up to 300 Mbps* for 2.4 GHz and 867 Mbps* for 5 GHz. The dual-band network allows home users to enjoy an enhanced streaming and file-sharing experience with wider coverage and faster transfer speeds.

Advanced Quality of Service (QoS) ensures smooth multimedia streaming

Interrupted media streaming can be a annoying experience for everyone.

QoS feature avoids this by prioritizing bandwidth usage to optimize multi-stream HD video, gaming, IP voice services and Web browsing. It improves the flow of critical network traffic—particularly useful with devices like VoIP phones or when used on high-volume networks.

Easy security setup With the LR7221's Wi-Fi Protected Setup (WPS), protecting your wireless network is as simple and fast as one button click.

An Easy Mode allows for basic setup and system configuration, quickly establishing an encrypted connection with client devices



Specification*

WAN Interfaces

- LTE SIM interface

Advanced Dual Band Wireless

- 802.11ac wave2 (Multi-User) MU-MIMO ready
- 5G 802.11a/n/ac support up to 866Mbps
- 2.4G 802.11b/g/n support up to 300Mbps
- 2T2R MIMO technology
- WPS for easy setup
- AP neighbors scan
- Wireless access control
- WiFi security: WEP, WPA, WPA2
- Multiple-SSID
- Virtual AP/SSID isolation
- WMM (WiFi Multimedia)

Network Security

- Build-in robust Firewall
- NAT/NAPT
- Stateful Packet Inspection (SPI)
- IP/service ports/MAC packet filtering
- URL/Domain filtering
- DHCP server, client & relay
- Port Forwarding
- Virtual server
- DMZ
- DoS Protection
- ALG, ACL
- PPTP/L2TP/IPSec VPN pass-through

IPv6 Ready

- IPv6 static routing
- IPv6 dual-stack
- RADVD
- DHCP v6
- IPv6 IP filtering
- IPv6 MLD snooping & proxy

Management

- LTE connectivity info
- LAN/WLAN clients info
- Interface statistics
- ARP table
- CWMP/TR-069 Remote Management
- Web-based GUI configuration
- Firmware upgrades through HTTP
- Syslog
- Configuration File Backup and Restore
- SNMP v1/v2

Network Protocol

- Bridged, PPPoE, IPoE
- Static route
- RIP v1/v2
- MTU size adjustment
- Port mapping
- QoS (Quality of Service) classification
- DNS proxy/relay,
- DDNS
- NTP client
- UPnP
- IGMP snooping & proxy
- MLD snooping & proxy

Physical Interface

- 1x SIM slot (2FF) for LTE
- 4x Gigabit-Ethernet LAN Ports (RJ-45)
- 1x Reset button
- 1x WPS button
- 1x WiFi on/off
- 1x Power jack
- 1x Power on/off switch

Power

- 12V DC/1.2A

Operating Environment

- Operating temperature: 0 – 40°C
- Storage temperature: -20 – 70°C
- Humidity: 20 – 95% non-condensing

Ordering Information

- LR7221-BQ4
LTE Cat.4 – B1/2/3/5/7/8/20/38/40
WCDMA/UMTS – B1/2/5/8
- LR7221-Q26
LTE Cat.6 – B1/3/7/8/20/28/38/40/41
WCDMA/UMTS – B1/3/5/8

LR7221 LTE Carrier Router

AC1200
Dual-Band Wireless with Full-Gigabit

Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, interference, and building construction may lower actual data throughput and wireless coverage.

* Specifications & picture in this datasheet are subject to change without prior notice.
 ** Future release by request