

AC1200 Dual-Band Wireless with Full- Gigabit Ethernet

LTE DualWAN (VPN) Carrier Router



Model No. LR7281(S)

Product Highlights

DualWAN offering reliable network

Auto-failover between two WAN (LTE & EtherWAN) links secures your critical connectivity always-on.

VPN secure connection (LR7281S)

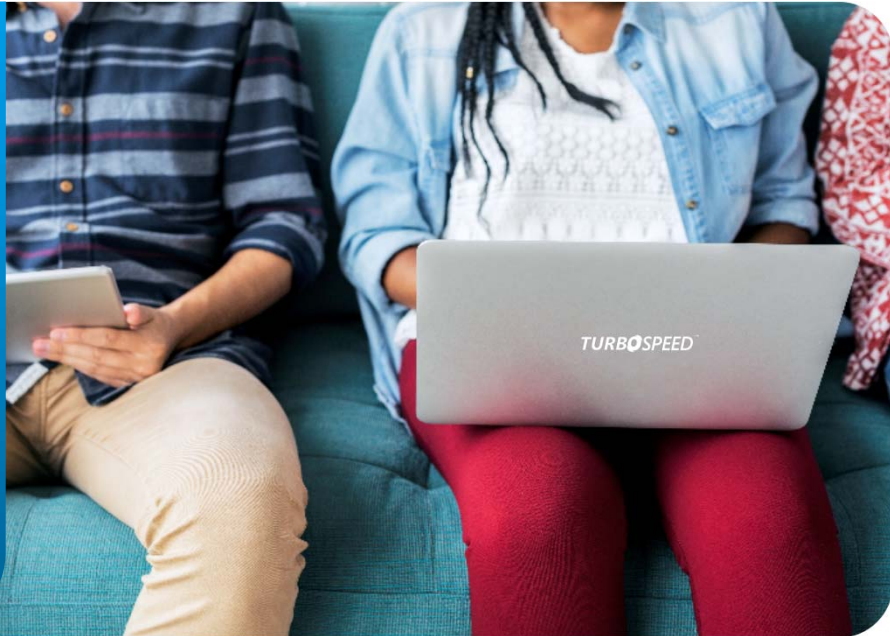
Supports PPTP, L2TP and IPSec VPN, ideal for branches which need to connect to local network.

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 LR7281'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
- 10/100/1000Mbps Ethernet interface

Multi-WAN Features

- WAN priority configuration
- Automatically Failover/Fallback between WAN interfaces

Network Protocol

- Static route
- RIP v1/v2
- IPv4
- IPv6 ready
- IPv6 dual-stack
- PPPoE
- QoS (Quality of Service)
- 802.1d
- DDNS
- DNS proxy
- DNS relay
- UPnP
- IGMP snooping & proxy
- MLD snooping & proxy

Security

- Build-in robust Firewall
- NAT/NAPT
- Stateful Packet Inspection (SPI)
- IP/MAC Filtering
- DHCP server, Client & relay
- Port Forwarding
- Virtual server
- DMZ
- User policy access control
- VPN pass-through

Virtual Private Network (LR7281S)

- PPTP Server/Client
- L2TP over IPSec Server/Client
- IPSec VPN

USB support

- Storage File Sharing
- Printer Server

Management

- Web-based GUI configuration
- Firmware upgrades through HTTP
- Configuration File Backup and Restore
- CWMP/TR-069 Remote Management
- SNMP v1/v2/v3

Advanced Dual Band Wireless

- Compliant with IEEE 802.11 b/g/n 2.4GHz & IEEE 802.11 a/n/ac 5GHz
- Support 802.11ac wave2 MU-MIMO
- MIMO dual-band wireless up to 1200Mbps operation rate
- Beamforming support
- WPS for easy setup
- WiFi security: WEP, WPA, WPA2
- Multiple-SSIDs
- Client Access Control
- WMM (WiFi Multimedia)

Physical Interface

- 1x SIM slot
- 1x Gigabit-Ethernet WAN Port (RJ-45)
- 4x Gigabit-Ethernet LAN Ports (RJ-45)
- 1x USB
- 1x Reset button
- 1x WPS button
- 1x WiFi on/off
- 1x Power jack
- 1x Power on/off switch

Power

- 12V DC/1.5A

Operating Environment

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

Package

- 1x Router
- 1x Ethernet cord (RJ45)
- 1x Power Adapter

Ordering Information

- LR7280-BQ4
LTE Cat.4 – B1/2/3/5/7/8/20/38/40
WCDMA/UMTS – B1/2/5/8
- LR7280-Q26
LTE Cat.6 – B1/3/7/8/20/28/38/40/41
WCDMA/UMTS – B1/3/5/8
- LR7280S-BQ4
Support VPN connection
LTE Cat.4 – B1/2/3/5/7/8/20/38/40
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LR7281(S) LTE DualWAN (VPN) 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.

*1 Future release by request