Ruijie | Reyee

DATASHEET

RG-EW300T-LA

N300 Wireless 4G LTE Router



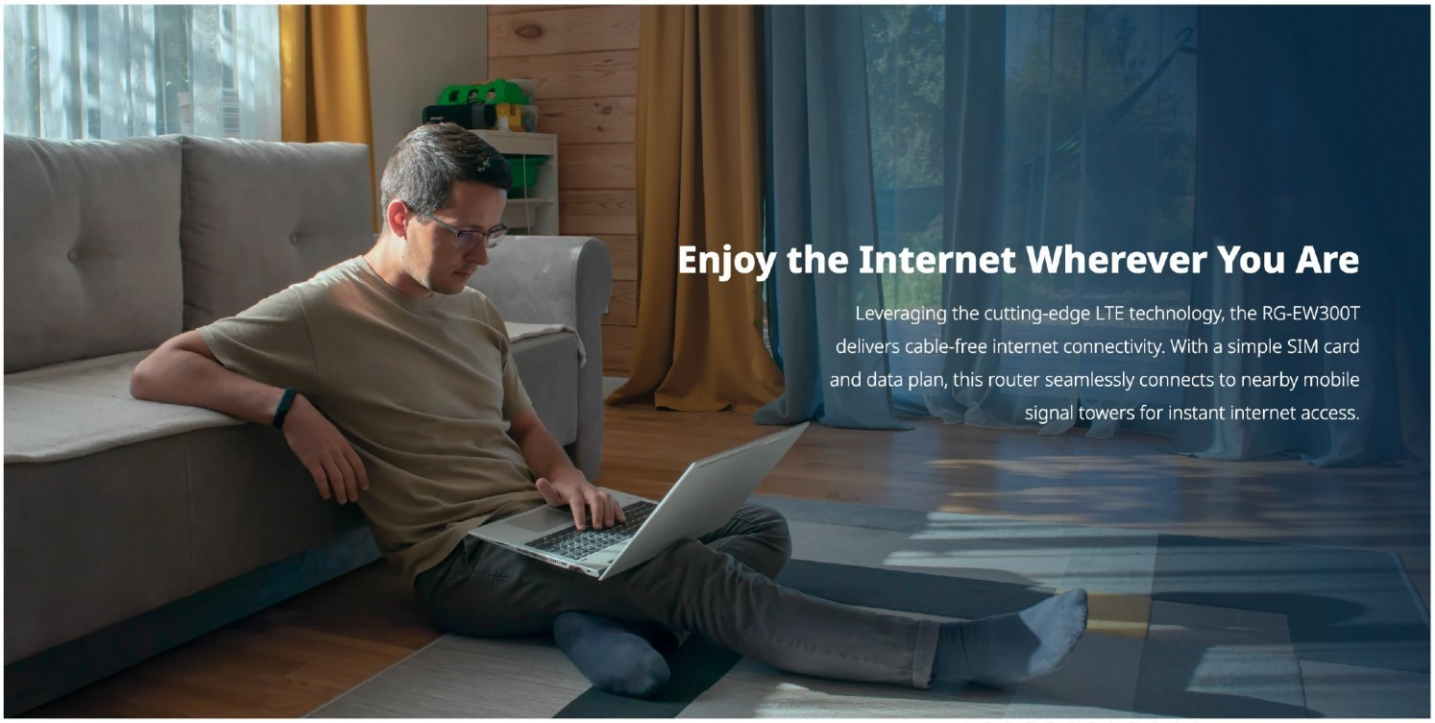
Highlights

- Cloud-managed
- Plug and Play
- 4 External Antennas
- 300Mbps Wireless Rate
- Three-year Warranty

Date: 2026.9.8

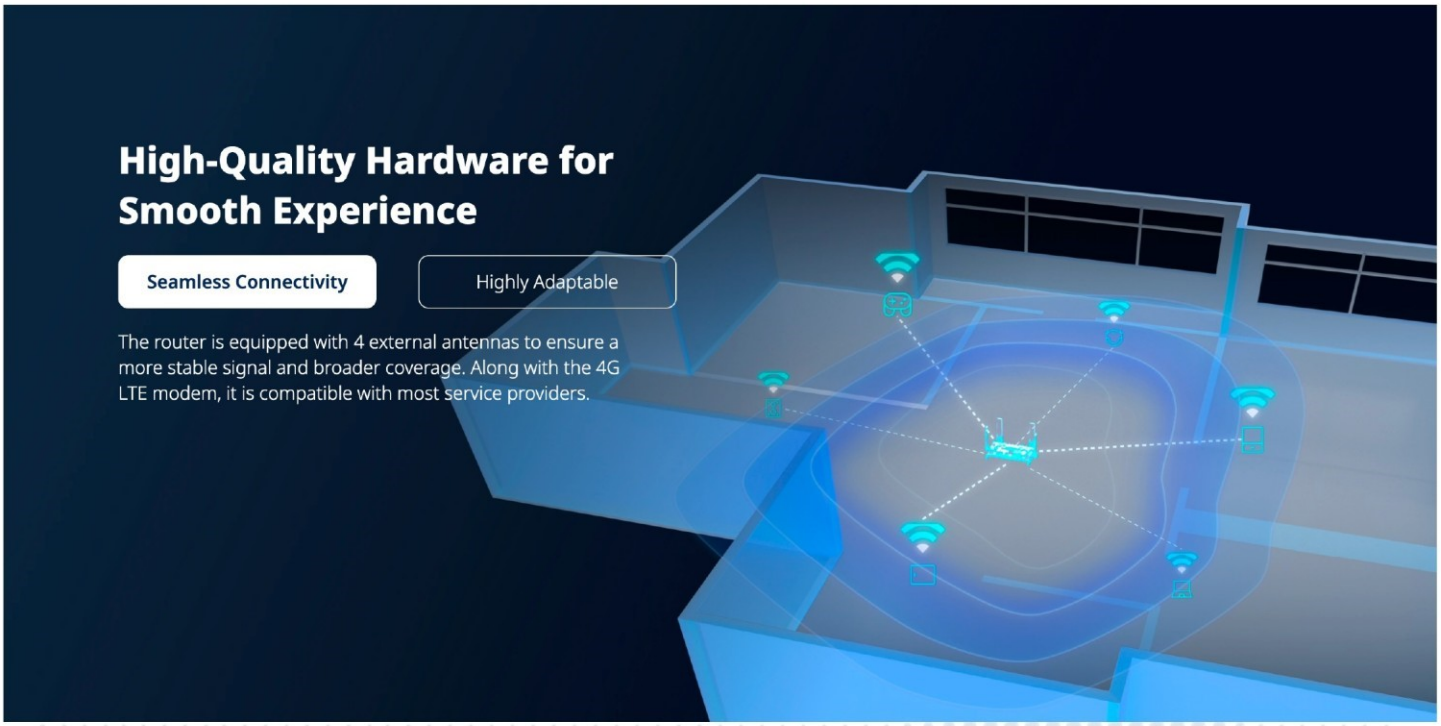
Highlight Features





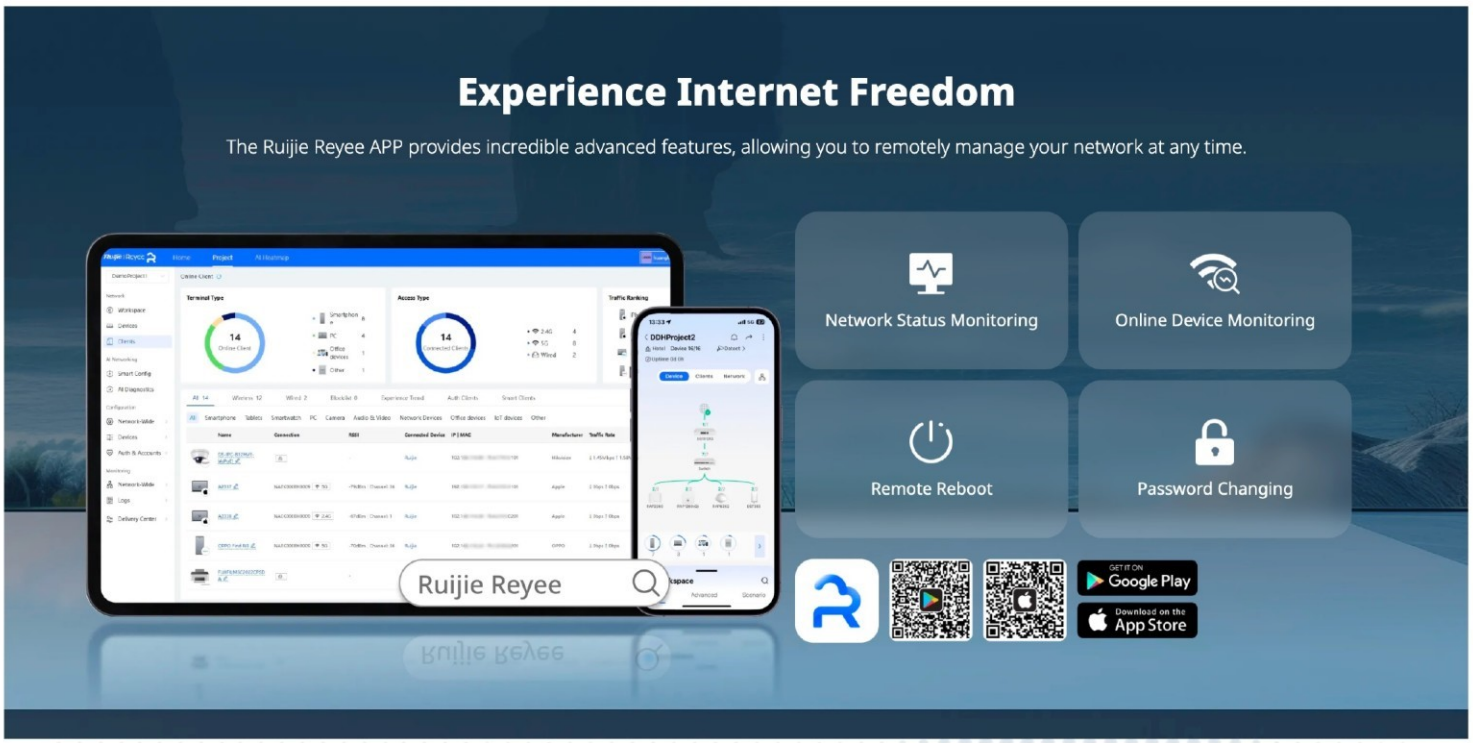
Highlight Features



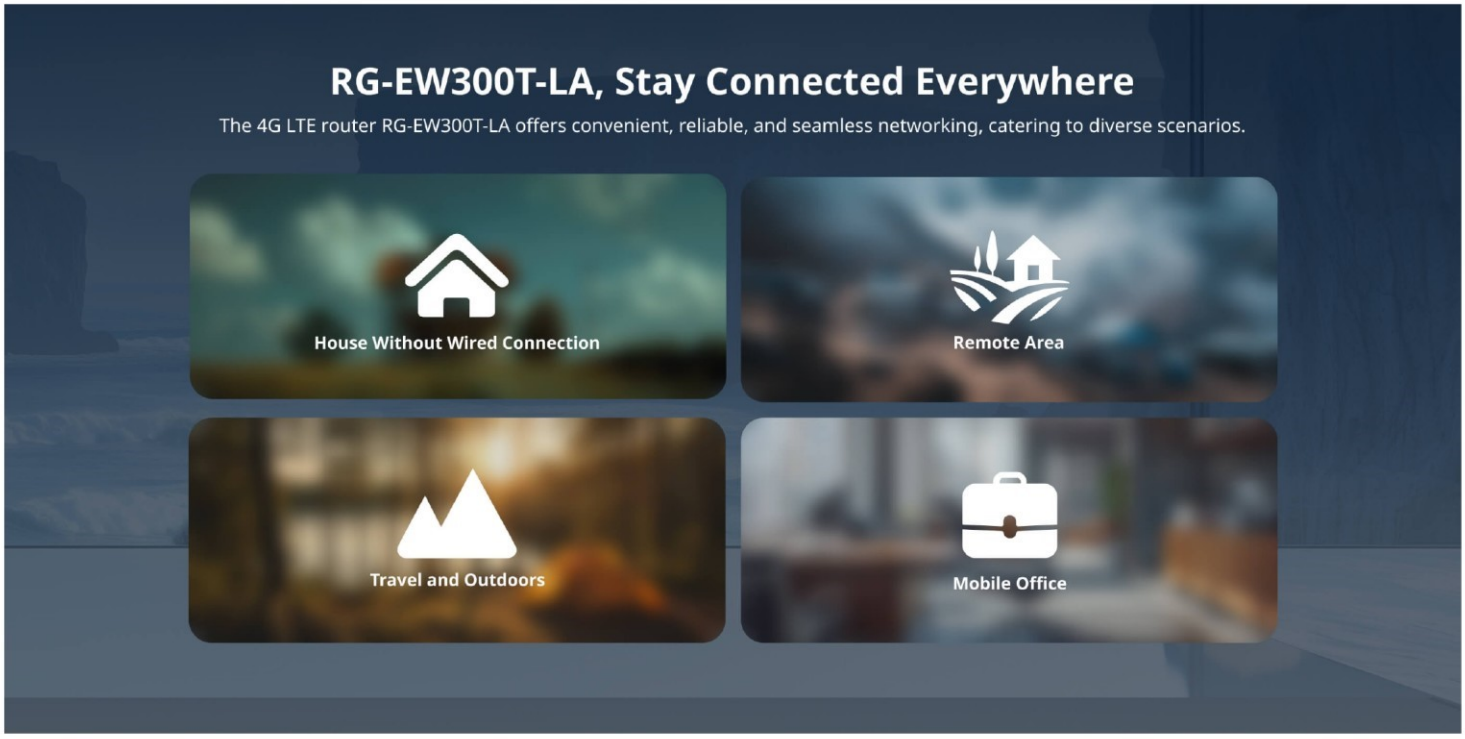


Highlight Features





Highlight Features



Hardware Specifications

Model	RG-EW300T-LA
Power Supply and Consumption	
Power supply	DC 12 V 1 A
Dimensions and Weight	
Product dimensions (W x D x H)	175 mm x 100 mm x 25 mm (6.89 in. x 3.94 in. x 0.98 in.)
Weight	0.25 kg (0.55 lbs) (without packaging materials) 0.31 kg (0.68 lbs) (with packaging materials)
Product Information	
Warranty	3 years
Port Specifications	
LEDs	1 x power LED 1 x Wi-Fi LED 1 x Internet LED 3 x RSSI LEDs
LAN ports	3 x 10/100BASE-T ports
Number of LAN/WAN ports	1 x 10/100BASE-T port
WAN ports	1 x 10/100BASE-T port
Certification and Regulatory Compliance	
Certification	CE, CB, FCC
Environment and Reliability	
Operating humidity	5% RH to 95% RH (non-condensing)
Operating temperature	0 °C to +40 °C (32 °F to 104 °F)

Hardware Specifications

Model	RG-EW300T-LA
Storage humidity	5% RH to 95% RH (non-condensing)
Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
Antenna	
Antenna	2 x External 4G-lite omnidirectional antennas 2 x External Wi-Fi omnidirectional antennas
Antenna gain (2.4 GHz)	4.78 dBi (max.)
Mobile Radio	
Operating band	• 4G LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE TDD: B40 • 3G WCDMA: B1/B2/B4/B5/B8
4G (LTE) wireless data rate	• LTE FDD DL: 150 Mbps (max.) UL: 50 Mbps (max.) • LTE TDD DL: 130 Mbps (max.) UL: 30 Mbps (max.)
Maximum transmit power (4G, LTE)	LTE FDD: 25 dBm LTE-TDD: 25 dBm
Maximum transmit power (3G, WCDMA)	25 dBm

Hardware Specifications

Model	RG-EW300T-LA
System Specifications	
RAM	64 MB
Wi-Fi Radio	
FEM	iPA
Max. Wi-Fi Speed	2.4 GHz, 300 Mbps
Maximum transmit power	2.4GHz: 802.11b: 1 Mbps 18 dBm 802.11g: 6 Mbps 18 dBm; 54 Mbps 16.5 dBm 802.11n: HT20: MCS0 18 dBm; MCS7: 16.5 dBm HT40: MCS0 17 dBm; MCS7: 16 dBm
Maximum transmit power(EIRP)	Frequency bands using and the max EIRP: Note: Country specific restrictions apply European Union & United Kingdom 2400-2483.5 MHz, EIRP ≤ 20 dBm
MIMO	2.4 GHz, 2 x 2
Wi-Fi standard	Wi-Fi 4 (IEEE 802.11 n)
Highest QAM order	64
2.4 GHz channel width	Auto/20/40 MHz

Software Specifications

Model	RG-EW300T-LA
Ethernet Switching	
LAN port aggregation	No
Specifying the VLAN tag	Yes
VPN	
OpenVPN client	No
OpenVPN server	No
PPTP VPN client	No
PPTP VPN server	No
IPTV/VLAN	
Multiple IPTV ports	Yes
IP Service	
ARP binding	Yes
Number of ARP binding entries	64
DDNS	Yes
No-IP DNS	Yes
Ruijie DDNS	Yes
NAT-DMZ	Yes
Number of port mapping entries	50
UPnP	Yes
IPv6	Yes
Multicast	

Software Specifications

Model	RG-EW300T-LA
IGMP proxy	Yes
IGMP snooping	No
Basic Configurations	
Internet access mode	PPPoE, DHCP, Static IP, WISP
Preconfiguration	Yes
Reset and keep configurations	Yes
Restoring factory defaults	Yes
Configuration backup	Yes
Local upgrade	Yes
Online upgrade	Yes
Scheduled upgrade	No
Disabling the physical Reset button	Yes
Connectivity detection configuration	Yes
AP mode	Yes
Security	
Encryption mode	WPA-PSK, WPA2-PSK, WPA/WPA2-PSK, WPA3-SAE, WPA2-PSK/WPA3-SAE
Network Management and Monitoring	
Line detection	Yes
Arabic	Yes
Chinese (Hong Kong Traditional)	Yes

Software Specifications

Model	RG-EW300T-LA
Chinese (Simplified)	Yes
English	Yes
Indonesian	Yes
Italian	Yes
Russian	Yes
Spanish (Latin America)	Yes
Thai	Yes
Turkish	Yes
Vietnamese	Yes
Ruijie Cloud management	Yes
Scheduled device restart	Yes
eWeb login password length	8 to 63 characters
Wired repeater mode	Yes
Wireless repeater mode	Yes
WISP mode	Yes
User agreement signing	Yes
Ethernet Interface	
MAC address cloning	Yes
VLAN-based IPTV	Yes
Rate Limiting	
Client-based rate limiting	Yes

Software Specifications

Model	RG-EW300T-LA
Behavior Management	
Parental control	Yes
Client access control (based on MAC addresses)	Yes
Client access control (based on time)	Yes
Maximum number of controlled clients	32
Maximum number of parental control policies	No
Selecting clients from the client list to block their access to the Internet	Yes
Specifying MAC addresses of controlled clients	Yes
Flow Control	
Flow control based on number of users	Yes
Standalone/Shared mode	Yes
Interface flow control	Yes
WLAN	
1024-QAM	No
OFDMA	No

Software Specifications

Model	RG-EW300T-LA
MLO	No
DFS	No
802.11k/v roaming	No
Wi-Fi blocklist capacity	30
SSID hiding	Yes
Beamforming	Yes
Wireless Configuration	
Guest Wi-Fi	Yes
System Performance Capacity	
Recommended number of concurrent clients	8 (2.4 GHz)
IPTV/IGMP client capacity	5
IPTV/IGMP multicast capacity	5
IPTV/IGMP wired forwarding performance	25 Mbps
Recommended camera limit	4 (2.4 GHz)
SIM Card Management	
Batch import of APN configurations	Yes
Number of APN configurations for batch import	1000
Reyee Mesh 3.0	

Software Specifications

Model	RG-EW300T-LA
Reyee Mesh 3.0	No
Automatic switching between wired and wireless repeater mode	No
Recommended hop count	2
Maximum number of clients	192
Maximum number of devices	32

Package Contents

Model	RG-EW300T-LA
Accessories	
Ethernet cable	1
Power adapter	1
Manual	
User Manual	1
Warranty Card	1
Device	
Device	1

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Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com