Ruijie | Reyee

RG-EW300T

N300 Wireless 4G LTE Router

DATASHEET

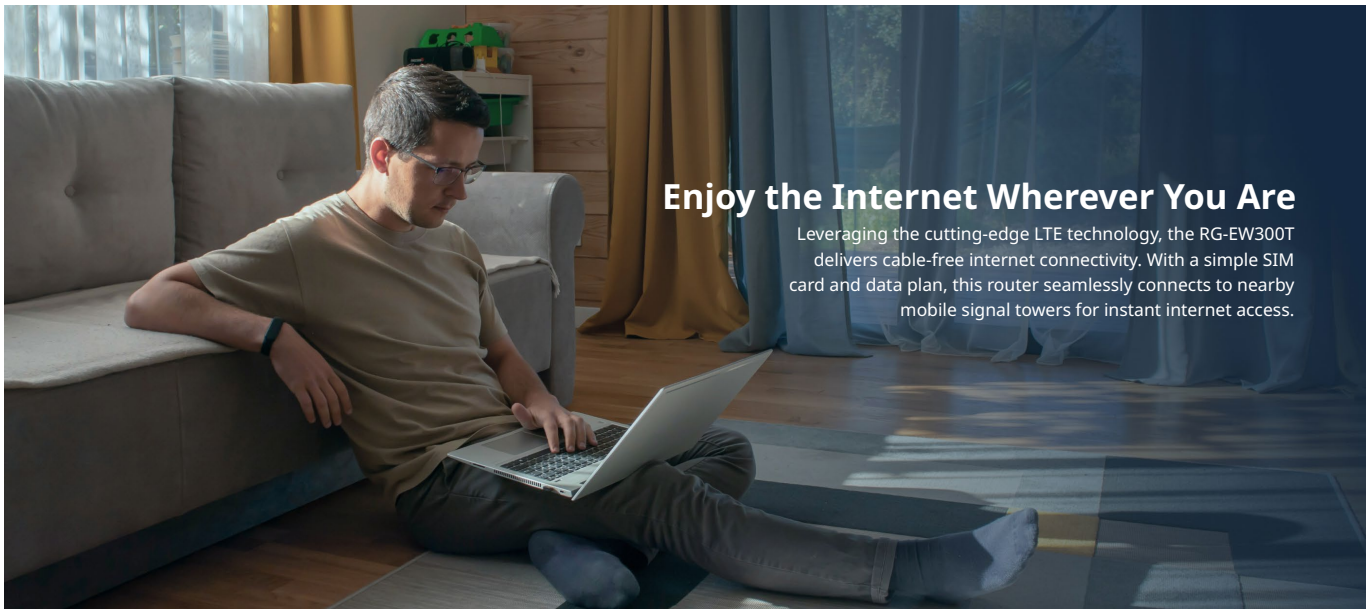


Highlights

- Cloud-managed
- Plug and Play
- 4 External Antennas
- Up to 150Mbps Download Speed
- Three-year Warranty

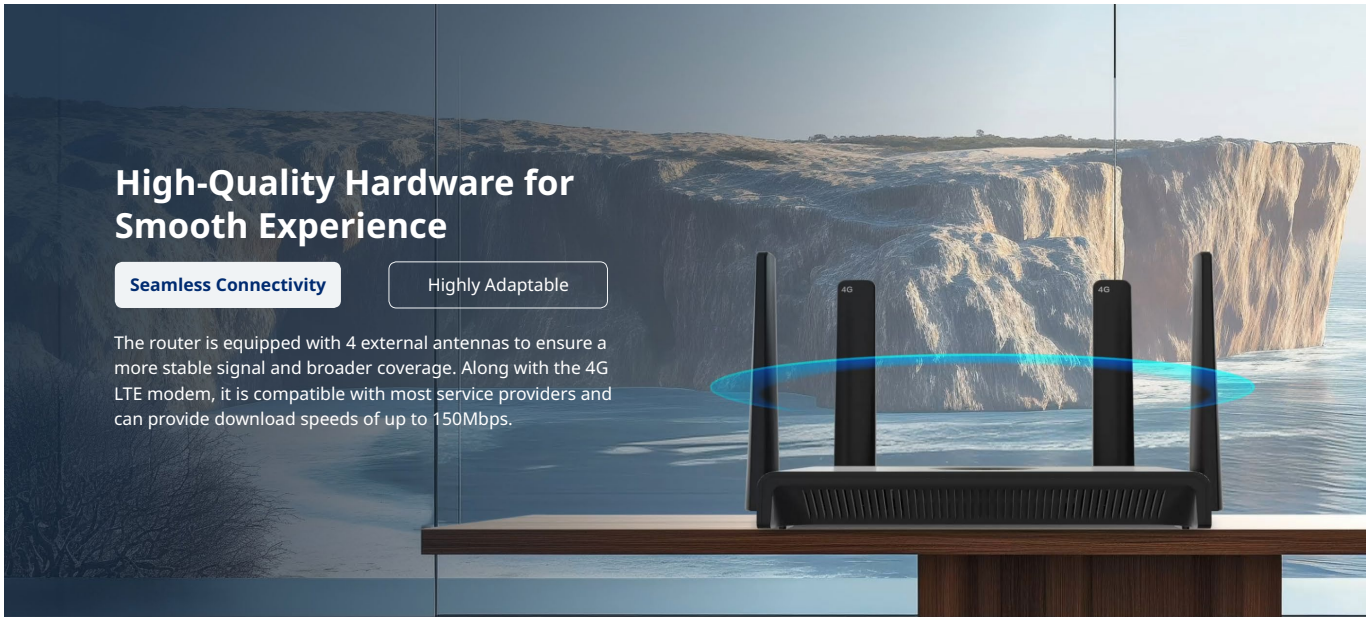
Highlight Features







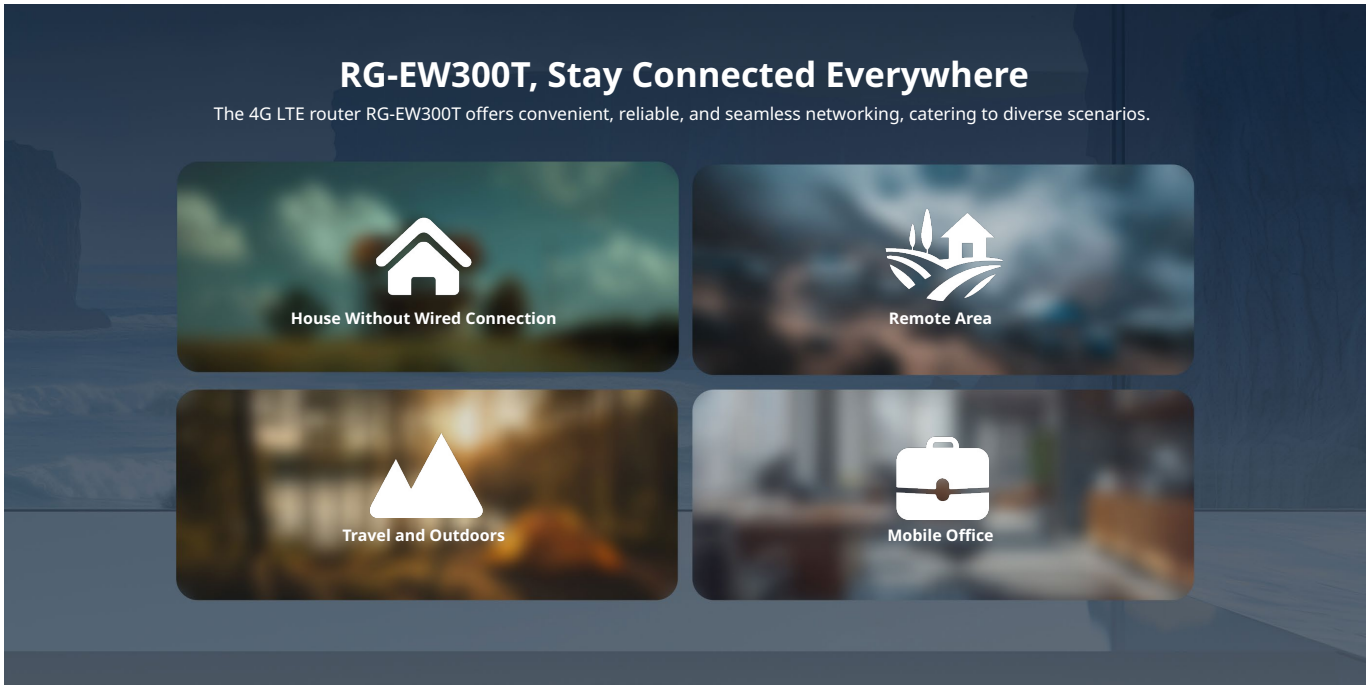
Highlight Features







Highlight Features



Specifications

Basic	
Dimensions (W×D×H)	175mm×100mm×25mm (6.89 in. ×4.72 in. ×1.06 in. antennas not included)
Weight	0.25kg (packages not included)
Wi-Fi Standards	Wi-Fi 4 (IEEE 802.11n)
MIMO	2.4 GHz, 2×2, MIMO
Max. Wi-Fi Speed	2.4 GHz: 300 Mbps
4G Cartgory	LTE CAT.4
Max. 4G speed	Downlink: 150Mbps Uplink: 50Mbps
Channel Width	2.4 GHz: Auto/20/40 MHz
Antennas	2 Detachable External 4G LTE Antennas 2 Fixed External Wi-Fi Antennas
Antennas Type	External Omnidirectional
Antennas Gain	2.4 GHz: 4dBi 4G LTE: 3dBi
Port	1×10/100Base-T WAN/LAN 3×10/100Base-T LAN
Card Slot	1× Micro SIM Card Slot
Recommended Users	8
Max. Users	32
Power Supply	DC 12V/1.0A
Power Consumption	< 12 W
Wi-Fi Operation Frequency Bands	802.11b/g/n: 2.400 GHz to 2.483 GHz country-specific restrictions apply
Network Type	WCDMA B1/B5/B8 (2100/850/900 MHz) FDD-LTE B1/B3/B5/B7/B8/B20/B28 (2100/1800/850/2600/900/800/700 MHz) TDD-LTE B38/B40/B41 (2600/2300/2500 MHz)

Specifications

Basic	
Transmit Power	2.4GHz Wi-Fi: 2400~2483.5MHz ≤ 20dBm(EIRP) WCDMA B1/B5/B8 ≤ 24dBm FDD-LTE B1/B3/B5/B7/B8/B20/B28≤ 23dBm TDD-LTE B38/B40/B41≤ 23dBm
Receive Sensitivity	2.4GHz Wi-Fi:20MHz 802.11b: -79 dBm(1 Mbps) , 802.11g: -81dBm(6 Mbps), -64 dBm(54 Mbps) 802.11n: -81dBm(MCS0), -63 dBm(MCS7) WCDMA B1/B5: –109 dbm (primary set) WCDMA B8:-108.3 dbm (primary set) LTE-FDD B1: –97.3 dbm (primary set), –98.4 dbm (diversity), –100.2 dbm (primary set + diversity) LTE-FDD B3: –96.4 dbm (primary set), –96.4 dbm (diversity), –99.4 dbm (primary set + diversity) LTE-FDD B5:-96.3 dbm (primary set),-99.1 dbm (diversity),-101.95 dbm (primary set + diversity) LTE-FDD B7:-96.06 dbm (primary set),-96.36 dbm (diversity),-97.6 dbm (primary set + diversity) LTE-FDD B8:-97.4 dbm (main set), -98.2 dbm (diversity), -102.05 dbm (main set + diversity) LTE-FDD B20: –96.2 dbm (primary set), –97.5 dbm (diversity), –100.75 dbm (primary set + diversity) LTE-FDD B28: –96.7 dbm (primary set), –97.9 dbm (diversity), –97.55 dbm (primary set + diversity) LTE-TDD B38:-98.26 dbm (primary set),-97 dbm (diversity),-99.3 dbm (primary set + diversity)
Operating Temperature	-10 °C to +40 °C (14 °F to 113 °F)
Operating Humidity	5% to 95% RH (non-condensing)
Certifications	CE, RoHS

Wireless	
OFDMA	-
MU-MIMO	-
BSS Coloring	-
Maximum Number of SSIDs	3

Specifications

Wireless	
SSID Hiding	✓
Band Steering	-
Guest Wi-Fi	✓
WPA/WPA2	✓
WPA3	✓
Roaming	Layer 2 Roaming
Blocklist	✓
Reyee Mesh	-
Mesh Pairing by Hardware	-
Mesh Pairing by Mesh Button	-
Mesh Pairing by Eweb	-
Recommended Hop Count	-
Wi-Fi Optimization	✓
QoS (WMM)	✓
WPS	-
Transmission Power Adjustment	✓
Hardware	
CPU	MT7628DAN
Flash	16 MB
RAM/SDRAM	64 MB
Color	Black
System LED Indicator	✓
Reyee Mesh LED Indicator	NA
Reyee Mesh Button	NA
Power Button	NA

Specifications

Features	
Reset Button	✓
DC Connector Dimensions	Outer Diameter: 5.5 mm Inner Diameter: 2.1 mm Length: 9 mm (Outer Diameter: 0.22 in. Inner Diameter: 0.08 in. Length: 0.35 in.)
WAN	
3G/4G Router	✓
Static IP	✓
DHCP	✓
PPPoE	✓
Learning PPPoE Account & Password	✓
VLAN Tagging	✓
LAN	
DHCP Server	✓
Client List	✓
Static IP Assignment	✓
Port-Based Flow Control	✓
Features	
TR069	✓
IPv6	✓
DDNS	✓
IPTV	✓
Alarm	Not supported in 4G mode, supported in router mode
Diagnosis	✓
UPnP	✓
ARP Binding	✓

Specifications

Features	
Port Mapping	✓
DMZ Host	✓
Rate Limitation of Terminals	✓
Hardware Acceleration	-
MAC Address Cloning	✓
Cloud Management	✓
Repeater Mode	✓
WISP Mode	✓
Security	
PPTP VPN Server	-
PPTP VPN Client	-
L2TP VPN Client	-
Parental Control	Time Schedule
Protect TCP Flood Attacks	✓
Protect ICMP Attacks	-
Protect UDP Flood Attacks	-
System	
Default Access/Password	192.168.110.1 Check the label on the bottom of the device for the default password.
URL Access	✓
Local Upgrade	✓
Online Upgrade	✓
APP Upgrade	✓
Syslog	✓
Backup	✓

Specifications

System	
Factory Reset	✓
Language	Chinese English Vietanmese Turkish Indonesian Thai traditioanl Chinese Spanish Russian Arabic Ukrainian Czech Italian

Package Contents

Package Information	RG-EW300T
Wireless Router	1
Power Adapter	1
Quick Start Guide	1
Warranty Card	1
Cat5E UTP Cable	1

Ruijie | Reyee

Redefine your easy network

Copyright ©2000-2024 Ruijie Networks Co., Ltd. All rights reserved.

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

Notice

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.

Ruijie Networks Co., Ltd.

Website: https://reyee.ruijie.com/en-global