

Category	Level 1 Specs	Level 2 Specs	RG-EW300T-LA
Hardware Specification	System Specifications	CPU	MT7628DAN, single-core 32-bit processor, 580 MHz clock frequency
Hardware Specification	Wi-Fi Radio	MIMO	2.4 GHz, 2 x 2
Hardware Specification	Wi-Fi Radio	FEM	iPA
Hardware Specification	Wi-Fi Radio	Wi-Fi standard	Wi-Fi 4 (IEEE 802.11 n)
Hardware Specification	Wi-Fi Radio	Max. Wi-Fi Speed	2.4 GHz: 300 Mbps
Hardware Specification	Wi-Fi Radio	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
Hardware Specification	Wi-Fi Radio	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
Hardware Specification	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

Hardware Specifications	Mobile Radio	4G (LTE) wireless data rate	• LTE FDD DL: 150 Mbps (max.) UL: 50 Mbps (max.) • LTE TDD DL: 130 Mbps (max.) UL: RX 30 Mbps (max.)
Hardware Specifications	Mobile Radio	Maximum transmit power (4G, LTE)	LTE FDD: 23 dBm $\pm$ 2 dBm LTE-TDD: 23 dBm $\pm$ 2 dBm
Hardware Specifications	Mobile Radio	Maximum transmit power (3G, WCDMA)	23 dBm +1/-3 dBm
Hardware Specifications	Wi-Fi Radio	Modulation	802.11b: BPSK, QPSK, CCK 802.11g: BPSK, QPSK, 16-QAM, 64-QAM 802.11n: BPSK, QPSK, 16-QAM, 64-QAM
Hardware Specifications	System Specifications	Flash memory	16 MB
Hardware Specifications	System Specifications	RAM	64 MB
Hardware Specifications	Dimensions and Weight	Product dimensions (W x D x H)	175 mm x 100 mm x 25 mm (6.89 in. x 4.72 in. x 1.06 in.)
Hardware Specifications	Dimensions and Weight	Weight	0.25 kg (0.55 lbs) (without packaging materials) 0.31 kg (0.68 lbs) (with packaging materials)
Hardware Specifications	Port Specifications	Number of fixed WAN ports	N/A
Hardware Specifications	Port Specifications	Number of 10/100BASE-T ports	4
Hardware Specifications	Port Specifications	Number of 10/100/1000BASE-T ports	N/A

Hardware Specifications	Port Specifications	Number of 10/100/1000/2500BASE-T ports	N/A
Hardware Specifications	Port Specifications	Maximum number of WAN ports	1
Hardware Specifications	Port Specifications	Number of fixed LAN ports	3
Hardware Specifications	Port Specifications	WAN ports	1 x 10/100BASE-T port
Hardware Specifications	Port Specifications	LAN ports	3 x 10/100BASE-T ports
Hardware Specifications	Port Specifications	Number of LAN/WAN ports	1 x 10/100BASE-T port
Software Specifications	Basic Configurations	System management	Yes
Hardware Specifications	Port Specifications	LEDs	1 x power LED 1 x Wi-Fi LED 1 x Internet LED 3 x RSSI LEDs
Software Specifications	Ethernet Switching	PoE	No
Hardware Specifications	Power Supply and Consumption	Power supply	DC 12 V 1 A
Hardware Specifications	Antenna	/	2 x External 4G-lite antennas 2 x External Wi-Fi antennas
Hardware Specifications	Antenna	Antenna gain (2.4 GHz)	
Hardware Specifications	Antenna	Antenna gain (5 GHz)	N/A
Hardware Specifications	Antenna	Antenna gain (3G, WCDMA)	6.72 dBi

Hardware Specifications	Antenna	Antenna gain (4G, LTE)	6.72 dBi
Hardware Specifications	Wi-Fi Radio	Power Amplifier	2.4 GHz: 2 x integrated power amplifiers
Hardware Specifications	Power Supply and Consumption	Maximum power consumption	< 12 W
Hardware Specifications	Environment and Reliability	IP rating	IPX0
Hardware Specifications	Dimensions and Weight	Color	Black
Hardware Specifications	Environment and Reliability	Operating temperature	0 °C to +40 °C (32 °F to 104 °F)
Hardware Specifications	Environment and Reliability	Storage temperature	-40 °C to +70 °C (-40 °F to 158 °F)
Hardware Specifications	Environment and Reliability	Operating humidity	5% RH to 95% RH (non-condensing)
Hardware Specifications	Environment and Reliability	Storage humidity	5% RH to 95% RH (non-condensing)
Hardware Specifications	Environment and Reliability	MTBF	> 30000 hours (about 3 years)
Hardware Specifications	Certification and Regulatory Compliance	Certification	CE, CB, FCC
Hardware Specifications	Power Supply and Consumption	Dimensions of the DC connector	Outer diameter: 5.5 mm (0.21 in.) Inner diameter: 2.1 mm (0.08 in.) Depth: 9.5 mm (0.37 in.)

Package Contents	Device	Device	RG-EW300T-LA: 1
Package Contents	Accessories	Power adapter	1
Package Contents	Manual	User Manual	1
Package Contents	Manual	Warranty Card	1
Package Contents	Accessories	Ethernet cable	1
Hardware Specifica	Product Information	Warranty	3 years