



Model

LT300

300 Mbps Wireless N
4G LTE Router



1. Specification

Model	300 Mbps Wireless N 4G LTE Router			
Dimensions	125*117*46mm			
Weight	0.55kg			
Form	LTE Desk Router			
Communication System (WAN)	Chipset	Qualcomm MDM9x07		
	Frequency Bands	LTE	Option1: Band 2/3/4/5/7/8/28AB/38/40/41/66 Option2: Band 1/2/3/5/7/8/17/20/38/40/41 Option3: Band 1/2/3/5/7/8/28AB/38/40/41	
		UMTS	Option1: Band 2/4/5/8 Option2: Band 1/2/3/5/8 Option3: Band 1/2/3/5/8	Band3 doesn't support diversity
		GSM	Option1: Band 2/3/5/8 Option2: Band 2/3/5/8 Option3: Band 2/3/5/8	
	Bandwidth	LTE Band	1.4/3/5/10/15/20 MHz, comply with 3GPP	
	Modulation	Downlink	QPSK/16-QAM/64-QAM, comply with 3GPP	
		Uplink	QPSK/16-QAM, comply with 3GPP	
	Antenna	Internal	Primary and Diversity (UMTS Optional)	
		External	Optional: Primary and Diversity	
	RF Power Level	LTE FDD	Power Class 3 (23 +/-2dBm)	
		UMTS	Power Class 3 (24 +1.7/-3.7dBm)	
		EDGE	Power Class E2 (GSM850/900: 27dBm; DCS/PCS: 26dBm)	
GPRS		GSM850/900 Power Class 4: 33dBm; DCS/PCS Power Class 1: 30dBm)		
Data Rate	4G	3GPP Cat. 4, Downlink/Uplink up to 150Mbps/50Mbps		
	3G	3GPP Downlink/Uplink up to 42Mbps/5.76Mbps		
	2G	EGPRS Class33 Downlink/Uplink up to 296Kbps/ 236.8Kbps		
WLAN	Wi-Fi	Chipset	RT8192S	
		Frequency	2.4GHz	
		Protocol	802.11b/g/n, 20/40M	
		Channel	1~13	
		Antenna	2 x 2 Internal, External antenna interface supported (optional)	

WLAN	Data Rate	802.11b	Up to 11 Mbps	
		802.11g	Up to 54 Mbps	
		802.11n	Up to 300 Mbps	
Feature	Interface	LAN/WAN	2xRJ45 for 2xLANs or 1xWAN+1xLAN, Giga Ports	
		RJ11	CS Voice, VoLTE	
		USIM	Single, 2FF	
		Antenna	External antenna interface supported, internal/external auto-detecting	
		Power Jack	12v1A interface	
	LED	POWER	Power Status Indicator (1 LED, Green)	
		2.4GHz	2.4G Wi-Fi Status Indicator, (1 LED, Green)	
		LAN	LAN Indicator, (1 LED, Green)	
		INTERNET	2G/3G/4G Network Status Indicator, (1 LED, RGB)	
		Signal Strength	2G/3G/4G Network Signal Strength Indicator, 5 level, (4 LED, Green)	
	Button	Power Key	Power Switch	
		WPS Key	Enable /Disable WPS,	
		Reset Key	Restore Factory Settings	
	WebUI	System	Connection Status	
			Statistics	
			Device Management	
			Power Mangement	
			Andoid/iOS App Management	
Mobile Service		SMS Manager		
		Automatic APN matching according to USIM		
		Auto Data Connection		
		USSD Service		
		PIN/PUK Management		
Router	Network Mode Selection(2G/3G/LTE/Auto)			
Router	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK encryptions			

Feature	WebUI	Router	IPv4/v6
			VPN Passthrough, VPN Client (Optional)
			Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)
			Virtual Server, UPnP, DMZ, DDNS
			DoS, SPI Firewall, IP/MAC Address Filter
			IP and MAC Address Binding
			Traffic Control (IP QoS)
			Access Control, Local Management, Remote Management(TR069)
	Operation System	Windows	7/8/10
		MAC OS	10.10+
		Linux	Ubuntu 15.04+
Browser		IE9+, Firefox, Google Chrome, Safari, Opera	
Environment	Power Supply		12V1A
	Working Temperature		0°C to 45°C
	Storage Temperature		-20°C to 60°C
Certification	3GPP Compliance		CE/FCC/GCF, upon customer's requirement
	Material		RoHS