



# 4G/5G Industrial Wireless Router

Model: LBT-T300

Version: MINI1-CN-5GA-S1-RS485&RS232

## Product Introduction:

The 4G/5G industrial-grade wireless router is a high-performance wireless communication product developed by Shenzhen LINBLE Technology Co., Ltd. based on the requirements of 4G/5G networks. It is mainly used for industrial users' data transmission services, supporting functions such as transparent data transmission, image transmission, device monitoring and wireless routing for Internet access.

4G/5G industrial-grade wireless routers, with embedded high-performance cpus, effortlessly handle advanced applications such as routing and security, and can be paired with multiple 4G/5G industrial communication modules (TDD-LTE/FDD-LTE networks). It provides 10/100M Ethernet ports, WIFI wireless interfaces, and serial ports. Compatible with a variety of terminal devices. Supports WEB configuration for easy and simple management, and supports remote cloud control.

Countries	4G/5G network solutions	Wireless network	Number of slots	Serial port Protocol	Custom content
CN= China Version EU= European version NA= North American version GL= Global Edition SA= South American version JP= Japanese version AU= Australian version	A= Domestic Q= Qualcomm V=4G private network R=Redcap H= hisilicon	W0= No WiFi W4=WiFi4 W5=WiFi5 W6=WiFi6	S1= Single card S2= Dual cards	RS232 RS485 TTL	DO POE GPS ESIM

Example: MINI1-CN-5GA-S1-RS485&232; Version MINI1, China 5G domestic solution, single card, protocol RS232, no customization

Note: Some versions do not allow customization of the above content.

## ○ Hardware parameters

Product size	97*78.2*25.5mm(L×W×H)
Power supply	DC power supply: 6 - 36V / 3A
GPS	Customizable GNSS positioning module, supporting RTK technology, and featuring a hybrid engine compatible with multiple satellite systems (GPS, GLONASS, Beidou, WAAS, EGNOS, MSAS, GAGAN).
External interface	Reset key 1 Indicator lights: 4 Antenna interface: 2-4 (optional) SIM card slot: 1 DC power supply interface: 1 (2.1mm round power connector), reverse protection
Protection grade	RS232 & 485 interface: 1 (2.0mm 6PIN connector) LAN port: 2 (LAN1 is WAN/LAN adaptive) Protection level: IP30
Indicator light	LINK、SYS、WAN/LAN0~LAN4
Antenna	SMA external rotating inner hole
Storage memory	Storage :8MB, memory: 64MB
Power consumption	4G: less than 400 mA
Authentication	CE, FCC, CCC
Operating temperature	Operating temperature: -20 to +70 °C Storage temperature: -40 to +80 °C
Humidity	Humidity: 5 to 95% (non-condensing)

## ○ Product packaging size/weight

Product weight (g)	145g
Product dimensions (mm)	97*78.2*25.5mm
Packaging size (cm)	25*16*7cm
Product packaging weight (kg)	0.5kg
Outer box dimensions (cm)	71.3*44.3*26.8cm
Container weight estimate (kg)	22kg

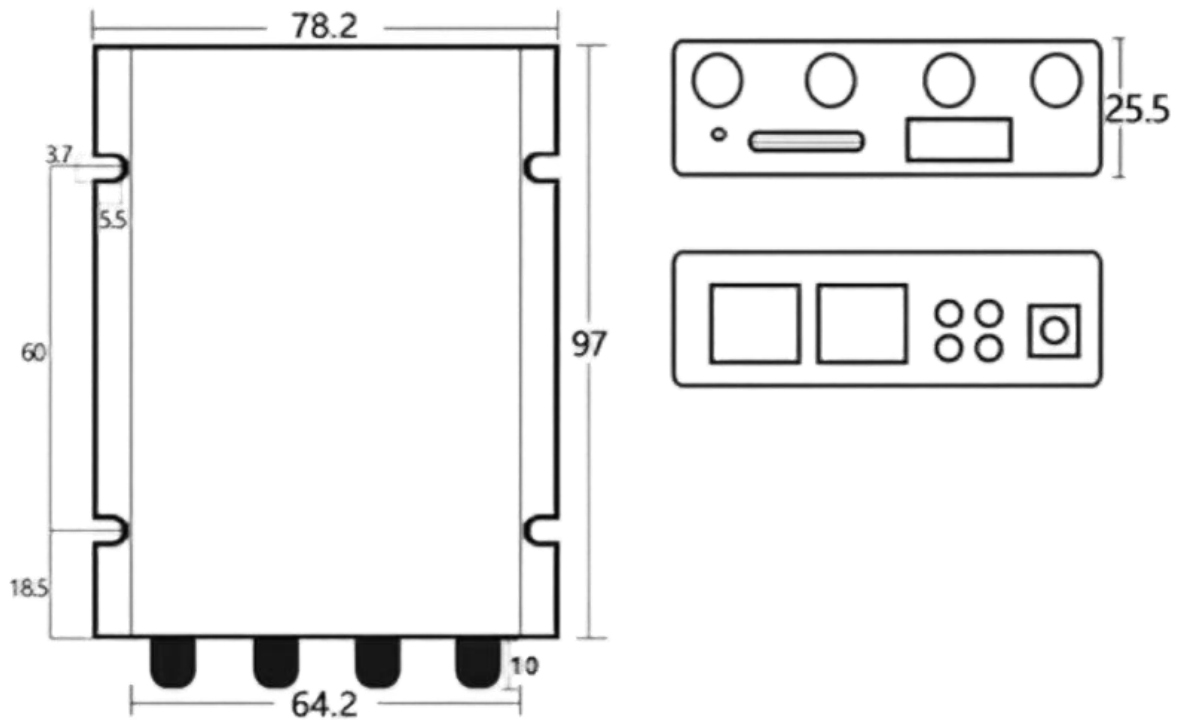
## ○ Feature Data

Basic functions	4G Internet Protocol: 4G Dial-up Internet Access, DHCP/Static IP/PPPoE Supported number of users: Wired: 253 VPN Protocol: PPTP Client, L2TP Client (Only the dedicated network version supports it) Port Protocol: NAT, DNAT, DMZ, Port Forwarding
System Services	Virtual server, port triggering, serial port service, firewall, MAC filtering, access control, port blocking, area settings, restore factory settings, NTP server settings, backup system information, software upgrade/remote management
Operating System and Browser Requirements	System: Windows XP/VISTA, Linux 2.6, Windows 7 and above, MAC OS: 10.3.7 and above Browser: IE: 6.0 and above, Safari: 1.2.4 and above, Firefox: 2.0.0.8 and above

## ○ Optional frequency bands

4G band	CN: FDD-LTE B1/3/5/8 TDD-LTE B38/39/40/41 EU: FDD-LTE B1/3/5/7/8/20 TDD-LTE B38/39/40/41 NA: FDD-LTE B2/3/4/5/7/8/12/13/17/25/26/66 TDD-LTE B41 SA: FDD-LTE B2/4/5/7/8/28 TDD-LTE B40 J: FDD-LTE B1/3/8/18/19/26 TDD-LTE 41 GL: FDD-LTE B1/2/3/4/5/7/8/17/20/28 TDD-LTE B38/39/40/41
5G band (Optional)	CN: 5G NR NSA:N41/78/79 5G NR SA:N1/8/28/41/78/79 LTE-FDD B1/3/5/8 LTE-TDD: B34/38/39/40/41 EA: 5G SA&NSA:N1/N3/5/7/8/20/28/38/40/41/71/77/78/79 LTE-FDD: B1/3/5/7/8/18/19/20/28/32 LTE-TDD: B34/38/39/40/41/42 GL: 5G NR SA: n1/2/3/5/7/8/12/20/25/28/38/40/41/48/66/71/77/78/79 5G NR NSA: n38/41/77/78/79 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71 LTE-TDD: B34/38/39/40/41/42/43/48

## ○ Housing positioning holes



## ○ Standard accessories



Power adapter \*1



2 m suction cup antenna -4G  
(Optional cabinet antenna, rubber stick antenna, etc.)



SIM card \*1



Certificate of conformity \*1