



# 5G Enterprise-level Wireless Router

Model: LBT-T300

Version: 1801K-CN-5GA-W6

## Product Introduction :

The 1801K is a high-performance 5G WiFi6 wireless router specially designed for low-latency and high-speed data transmission scenarios. It integrates 3G/4G/5G, 5G NSA/SA independent networking, LTE carrier aggregation, PCI & frequency band locking, network mode selection, ESIM/pluggable card switching, dual-band 802.11ax 1800M WiFi, 10/100/1000M adaptive network ports (2 LAN/WAN), 5G+ broadband dual-line backup, traffic control, MESH networking, fast roaming between multiple devices, IPv6, VPN, SMS, SNMP and TR069 centralized management features. It offers faster speed, more stable connection and wider coverage, which can meet the needs of high-speed data transmission for both households and enterprises. It is suitable for scenarios such as mobile office, home internet access, small and medium-sized enterprises, short-term rental and sharing, commodity stores, exhibition sites, etc., where high-speed internet access is required.

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: 1801K-CN-5GA-W6-S1; Version 1801K, China 5G domestic solution, Dual band WiFi6, single card, no customization

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

## ○ Hardware parameters

Product size	292*152*36.5mm(L×W×H)
Power supply	DC: 12V/2A
External interface / Protection level	Power button: 1 WPS button: 1 Reset button: 1 Indicators: 4 Antenna interface: 8 (optional) SIM card slot: 1 DC power supply interface: 1 (2.1mm round-head power interface) WAN/LAN ports: 3 (WAN*1 + LAN*2, 10/100/1000Mbps auto-adaptive)
Indicator light	PWR, WiFi, 5G, 4G, network port indicator light
Antenna	SMA outward rotation inner hole
Storage memory	Flash memory: 1GB, Memory: 256MB
Certification	CE、FCC、CCC
Power consumption (current)	<12W
Work environment	Operating temperature: -40 ~ +55°C Storage temperature: -40 ~ +70°C Humidity: 5 ~ 95% (no condensation)

## ○ 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 AU:FDD-LTE B1/3/5/7/8/20/28 TDD-LTE B38/40/41 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 accessories)	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:N1/3/5/7/8/20/28/38/40/41/71/77/78/79 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

## ○ Feature Data

Basic Features	Work mode: Routing mode, Bridging mode Internet access method: Network connection method (Broadband Dial-up, Dynamic IP, Static IP), DNS (Automatic acquisition, Manual input), Local Area Network settings, Guest network address pool Supported number of users: Wired/Wireless: 128 WiFi protocol: IEEE802.11b/g/n/ac/ax Port protocol: NAT, DNAT, DMZ, Port forwarding	
Operating frequency band	2400-2483MHz、 5180-5825Mhz	
WiFi transmission Rate/Data	Transmission rate: 1800Mbps (MAX) WiFi data: 2.4G speed: 573Mbps (Max) 2.4G power: 14dB (±2dB) 5.8G speed: 1201Mbps (MAX) 5.8G power: 12dB (±2dB)	
VPN	PPTPVPN Client、 L2TPVPN Client	
WLAN Security Consultative	WPA-PSK、 WPA2-PSK、 WPAPSK/WPA2PSK、 WPA1/WPA2	
System Services	Firewall, port blocking, virtual server, DMZ, port triggering, serial service, advanced network settings: IPv6, relay mode, static IP, dynamic IP, IPTV, guest network, parental control	
Operating system Browser Requirements	System :Windows XP/VISTA, Linux 2.6, Windows 7 , MAC OS: 1 0.3.7 ; Browser :IE:6.0 Safari:1.2.4 Firefox:2.0.0.8	
Equipment Management	Management	SNTP, password modification, backup/upgrade, restart/reset, log
	setup wizard	Quick Configuration Wizard
	supervisor mode	WEB remote management, TR069 remote management (not yet available to ordinary users)
	state	Internet connectivity status, router status, WiFi status, main network users, guest network users, IPv4/IPv6 status
	WPS button	The WPS function button. Press it briefly to activate the PBC function.

## ○ Product packaging size/weight

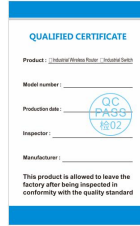
Product weight (g)	552g
Product dimensions (mm)	292*152*36.5mm
Packaging size (cm)	22*22*12cm
Product packaging weight (kg)	1kg
Outer box dimensions (cm)	71.3*44.3*26.8cm
Container weight estimate (kg)	22kg

## ○ Standard accessories



Power adapter \*1

Optional: British Standard /  
European Standard / American  
Standard



Certificate of conformity \*1