

JT-500G

MiFi Product Line

Advanced 5G NR WiFi6 MiFi

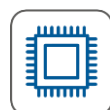


JT-500G has a sleek and compact design, making it extremely convenient to carry around. Its small size allows you to easily slip it into your pocket or bag, ensuring that you have a reliable internet connection on the go, whether you are traveling, working outdoors, or simply moving around different locations within your home or office. The device is crafted with high-quality materials, ensuring durability and a long lifespan, so you can rely on it for your daily internet needs.



Wireless Radio Access

- 3GPP Release 16
- NSA/SA/TDD-LTE/FDD-LTE/HSPA+
- NR: 3.4Gbps (DL)/600Mbps (UL) Rates



Chip-set

- Qualcomm SDX62
- ARM Cortex-A7 1.5GHz



WiFi Connection

- IEEE 802.11 a/b/g/n/ac/ax
- 2.4/5GHz
- AX3000 Throughput



Antenna Technology

- 4 * Built-in Omnidirectional Antenna
- 5G NR 4 * 4 MIMO
- 617 to 6000MHz Broadband High-Gain Antenna



User Interface

- 1*TYPE-C Port
- Power, Next, Reset Buttons
- 1.3" inch OLED (128 X 64)



Management & Control

- USB
- OTA

Specifications

Product Model	
Product Name	5G MiFi
Model Number	JT-500G
Form Factor	Mobile WiFi
Enclosure Material	Industrial Plastic

Wireless Specifications	
Radio Access	5G NSA/SA 5G NR Sub-6G, LTE-TDD/LTE-FDD/WCDMA
Standards	3GPP Release 16
Band (NA Version)	5G-NR: n2/5/7/12/13/14/25/26/29/30/38/41/48/66/70/71/77/78/79 LTE-FDD: B2/4/5/7/12/13/14/17/25/26/29/30/66/71 LTE-TDD: B38/41/42/43/46*/48 WCDMA: B2/4/5
Band (EA Version)	5G-NR: n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n48/n77/n78/n79 LTE-FDD B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32 LTE-TDD B38/B39/B40/B41/B42/B43/B46*/B48 WCDMA B1/B5/B8
MIMO	DL 4 X 4 MIMO UL MIMO 2 X 2
CA Support	Up to 5CC, UL CA
Tx Power	23dBm±2dB
Max Modulation	DL QAM256 UL QAM256
Data Transfer	5G SA DL 2.4Gbps, UL 1Gbps 5G NSA DL 3.4Gbps, UL 600Mbps LTE DL 1.6Gbps, UL 200Mbps HSPA+ DL 42Mbps, UL 5.76Mbps

WiFi Specifications	
Radio Access	IEEE802.11 a/b/g/n/ac/ax
MIMO	2 x 2
Throughput	AX3000 2.4G 574Mbps, 5G 2400Mbps
Connected Users	64
Security	64/128-bit WEP, WPA/WPA2/WPA3

Certifications	
Safety	CE / FCC / ISED
Carrier	PTCRB / GCF Optional

User Interfaces	
Display	1.3" single color LED screen
USB	1*USB 3.0 Type-C Port
Button	Power, Next, Reset
SIM Support	1* 4FF Nano-SIM

Software features	
Device Management	WEB GUI, FOTA, TR069
Features	DMZ (Demilitarized Zone), Network Traffic Statistics, SMS messaging, Power management USB Data Tethering Host USB Networking Support
Systems Supported	Windows® 7, 8, 10, 11 Mac OS® X 10.10 or Higher Linux® Ubuntu 14.04 or Higher Chromebook™ and Microsoft® Surface
Security	Wi-Fi Security (WPA/WPA2/WPA3), Wi-Fi Protected Setup (WPS) Wi-Fi privacy separation, VPN Pass-Through MAC Address Filtering, NAT Firewall Port Forwarding, Port Filtering Security Hardened Web Interface, Password Hash Wi-Fi On/Off Control Incorrect Password Lockout Admin portal to block factory reset

Electrical Specifications	
Power Input	5.0V 2A
Battery	3.7V 5800mAh (Typical Capacity)
Power Bank	Support

Environmental Specifications	
Operation Temp.	-10°C to 55°C
Humidity	90% MAX non-condensing

Mechanical & Package	
Dimensions	135mm X 75mm X 18mm
Weight	210g
Accessories	USB A-C Cable, Quick User Guide