



INTRODUCTION

The Baicells LTE Pocket Router is a portable broadband device that provides consistent access to LTE networks including most operators and Private LTE spectrums. It provides a mobile hotspot that allows multiple end users and mobile devices to share a 4G mobile broadband Internet connection from anywhere.

The LTE Pocket Router is compact and enables an end user to securely access broadband services while on-the-go. It is great for business travelers and families and is also a cost-effective option for students.

This product comes with a standard product warranty; an extended warranty is available. Contact sales_na@baicells.com for information.

FEATURES

- Standard LTE TDD Bands 38, 40, 41, 42, 43, and 48
- Complies with 3GPP Release 12 CAT12 standards
- Supports up to 32 Wi-Fi users simultaneously
- Provides Wi-Fi transmission of up to 10 meters (33 feet)
- Sleek, compact, and lightweight design
- Battery life for up to six hours of continuous operation
- User-friendly LED status indicators
- Low power consumption
- Can be used with any Wi-Fi enabled device

HARDWARE SPECIFICATIONS

LTE Mode	TDD
Frequency Bands	Band 38, 40, 41, 42, 43, 48
Max Output Power	23 ± 2 dBm
CA & MIMO	CA: intra- or inter-band DL 2CA (4X4 MIMO 64 QAM) DL 3CA (2X2 MIMO 256 QAM) DL 4CA (2X2 MIMO 256 QAM)
Chipset	GCT GDM7243A
Memory	NAND 512 MB + LPDDR2 256 MB
LED	• 4G Status • Power Status • Wi-Fi Status
External Interface	• USB Type-C plug (with 39" cable) • SIM card slot (4FF)
Buttons	Power key, Menu key
Battery	• Capacity: 4000 mAh • Life: 5 to 6 hours (typical)
Antenna	Internal, LTE 1T4R (256 QAM) or 1T2R (256 QAM)
Dimensions (HxWxD)	• 3.9 x 2.7 x 0.8 inches • 98 x 68.6 x 20 millimeters
Weight	0.3 lbs. / 120 g

MTBF	≥ 150000 hours
MTTR	≤ 1 hour

WLAN SPECIFICATIONS

Chipset	Realtek RTL8192 + RTL8811
Protocol	802.11 b/g/n/ac
Frequency	2.4/5 GHz
Antenna	Internal, 2R2T
Clients	Up to 32 Wi-Fi users/devices

SOFTWARE SPECIFICATIONS

Data Rate	Downlink/Uplink up to 560 Mbps/30 Mbps
Functions	Basic: <ul style="list-style-type: none"> • Web UI management • Power management
	Security: <ul style="list-style-type: none"> • WEP, WPA-PSK, WPA2-PSK • Firewall
	Mobile service: <ul style="list-style-type: none"> • SMS, USSD • Automatic APN matching with USIM • PIN/PUK management
	Router: <ul style="list-style-type: none"> • SSID, DHCP Server, IPv4/v6 • WPS • Samba

OPERATING SYSTEM

Windows	Win7/8/10
MAC OS X	10.7+
Linux	Ubuntu 13.04+
Browser	IE9+, Firefox, Google Chrome, Safari, Opera

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	14°F to 113°F / -10°C to 45°C
Storage Temperature	-40°F to 158°F / -40°C to 70°C
Humidity	5% to 95% RH

GLOBAL PART NUMBER

BC-Mifi-010411	LTE Pocket Router – LTE (TDD), B38/40/41/42/43/48, built-in antenna <ul style="list-style-type: none"> • FCC certification: 2AG32BCMIFI010411
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Note: Customized versions can be requested. Contact sales_na@baicells.com.