

MBK[®]

MOBILE BROADBAND KIT

The **MBK-300** is an intelligently designed portable networking system configured with the Cradlepoint E300 4G router. The Cradlepoint E300 support worldwide, SIM-based, auto-carrier selection and they are Band14 FirstNet™ certified.



Cellular Carriers: The **MBK-300** runs on 4G/LTE, Band 14 and CBRS.

Networking: The **MBK-300** provides Wi-Fi 6 wireless and gigabyte networking functionality.

Enterprise Class: The **MBK-300** leverages the E300 Series Enterprise router which provide industry-leading Gigabit-Class LTE connectivity as a primary or failover connection combined with a wired link.

Cradlepoint E300 Series Enterprise Router:

The Cradlepoint NetCloud Enterprise Branch Service with E300 Series Router is ideally suited for pop-up temporary locations, branches, stores, and restaurants. The all-in-one form factor includes full featured routing, security, and Wi-Fi, making it easy to connect branches to the Internet and critical applications without the need for extra hardware or complicated configurations. And the embedded LTE modem means that connectivity is always available from day 1 without waiting for a wired connection.



Firewall Throughput:
940 Mbps



WAN Connectivity:
Cat 7 or Cat 18, GbE



LAN Connectivity:
Wi-Fi 6, GbE, SFP+



Management:
NetCloud



4K Solutions, LLC
sales@4ksolutions.com
11255 Rambling Trail
Midland, Georgia 31820
(844) 445-7658





Number of Devices /Users: 50-85 users /devices.

Battery Technology: The battery is a 12.8 volt 8 AH (100 Watt hour) LiFePO4 bank.

MBK Dimensions: 22" x 14" x 9" **Weight:** 32lbs. (appx)

Power: The **MBK-300** is powered by 4K Solutions® Rugged Power Center LifePo4 battery power management system

Run Time (estimated): 4+ hours (estimated).

Charging: The **MBK-300** utilizes an internal three stage charge controller which will accept 14-18 vdc and up to a 60 watt solar panel. The included wall charger will charge the system in approximately 90 minutes. The internal Battery Protection Circuit prevents overcharge, over-discharge, and short circuits. The volt meter continuously displays the system voltage, and reacts to confirm solar or AC charging. The USB driver is independent, switched, and is 3 amps.

Warranty: Includes one year of limited warranty coverage on all hardware.



Cradlepoint E300

- 4G/LTE
- WiFi 6 (gigabyte wireless)
- Ethernet Ports (5 GbE) and 1 SFP
- Regions: Models vary (USA, NA, Europe and
- First Responder Certified: FirstNet™



Amplifier There will not be an amplifier in the MBK-300 kit.



Authorized "Elite" Partner



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