

## USB Dongle LTE Advanced CAT12 with Dual SIM

The Microhard LTESQ is a LTE USB Dongle, running CAT12 LTE Advanced which integrates natively into Windows and Linux OS. The LTESQ provides a super compact, industrial strength Cellular Internet Gateway. Using the latest LTE Advanced Category 12 Technology with Carrier Aggregation the LTESQ is capable of providing download speeds of up to 600 Mbps for today's data intensive applications. The LTESQ is powered directly from USB and features Dual SIM to ensure you are always connected.

**600 Mbps CAT12 LTE**

**USB Dongle**

**Dual SIM**

**USB Powered**

**Standalone GPS**

**Compact Size**



*Business Card shown to illustrate just how small this device is!*

## Features

- **Dual SIM - CAT12 LTE Operation**
- **LTE Advanced w/Carrier Aggregation Technology**
- **Up to 600 Mbps Downlink / 150 Mbps Uplink**
- **Global Band Support /Fallback**
- **USB Powered (5V, 1.5A) - Single cable operation**
- **USB 2.0, USB 3.0 (USB-C Connector) USB-C to USB Type A**
- **Power/Status & Cell LEDs**
- **Wide Operating Temperature (-40°C to +85°C)**
- **Standard Windows & Linux Plug and Play USB Drivers**



**LTE<sup>2</sup>**

# Specifications

<b>Supported Bands</b>	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B14/B17/B18/B19/B20/B21/B25/B26/B28/B29/B30/B32/B66; LTE-TDD: B38/39/B40/B41 WCDMA: B1/B2/B3/B4/B5/B8/B9/B19	<b>Input Voltage</b>	USB Powered (min 5V, 1.5A)
	DL 2×CA: B1+3/5/18/19/20/26; B2+2/4/5/12/13/17/29/30/66; B3+3/5/7/8/19/20/28; B4+4/5/12/13/17/29/30; B5+7/30/66; B7+7/20/28; B12+30; B13+66; B19+21; B20+B32; B29+30; B38+38; B39+39; B39+39; B39+41; B40+40; B41+41; B66+66, 12, 29, 30, 5; B2+B14; B14+B30; B14+B66;	<b>Connectors:</b>	Antenna(s) 3x SMA Female (Main, Diversity, GPS) Data USB Type-C, USB Type A with Cable SIM 2x 1.8 / 3.0V (Nano - 4FF)
	DL 3×CA: DL inter-band 3CA: B1+3+5/7/8/19/20/28; B1+7+20; B2+4+5; B2+4+13; B2+5+30; B2+12+30; B2+29+30; B3+7+20; B3+7+28; B3+7+8; B4+5+30; B4+12+30; B4+29+30; B5+66+2; B13+66+2; B66+12+30; B66+29+30; B66+5+30; B2+B14+B66; DL 2 intra-band plus inter-band 3CA: B2+2+5; B2+2+13; B3+3+7; B3+7+7; B3+3+20; B3+3+28; B3+3+1; B4+4+5; B4+4+13; B7+7+28; B5+66+66; B13+66+66; B66+66+2; B39+B39+B41; B39+B41+B41; B14+B66+B66 DL 3 intra-band 3CA: B40+40+40; B41+41+41; B66+66+66	<b>Environmental</b>	<b>Operating Temperature</b> -40°C to +85°C -40°F to +185°F <b>Humidity</b> 5-95%, non-condensing
	UL 2×CA: B3+3; B41+41	<b>Weight</b>	~ 60 grams (No Antennas)
	<b>Cellular Data Features*</b>	LTE-FDD: Max 600Mbps/150Mbps (DL/UL) LTE-TDD: Max 430Mbps/30Mbps (DL/UL) UMTS: DC-HSDPA: Max 42Mbps (DL) HSUPA: Max 5.76Mbps (UL) WCDMA: Max 384Kbps/384Kbps (DL/UL)	<b>Dimensions</b>
<b>USB Interface</b>	USB 2.0 / USB 3.0 (USB Type-C) USB-C to USB Type A Cable	<b>Approvals</b>	FCC / IC

## Order Options

**Model** LTESQ

## Contact Information

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