

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**



LTE²

Specifications

Supported Bands	<p>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</p> <p>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;</p> <p>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</p>	<p>Input Voltage USB Powered (min 5V, 1.5A)</p> <p>Connectors:</p> <table border="0"> <tr> <td>Antenna(s)</td> <td>3x SMA Female (Main, Diversity, GPS)</td> </tr> <tr> <td>Data</td> <td>USB Type-C, USB Type A with Cable</td> </tr> <tr> <td>SIM</td> <td>2x 1.8 / 3.0V (Nano - 4FF)</td> </tr> </table> <p>Environmental</p> <table border="0"> <tr> <td>Operating Temperature</td> <td>-40°C to +85°C -40°F to +185°F</td> </tr> <tr> <td>Humidity</td> <td>5-95%, non-condensing</td> </tr> </table> <p>Weight ~ 60 grams (No Antennas)</p> <p>Dimensions ~ 2.50" x 1.75" x 0.50" (65mm x 45mm x 13mm)</p> <p>Approvals FCC / IC</p>	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)	Operating Temperature	-40°C to +85°C -40°F to +185°F	Humidity	5-95%, non-condensing
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Cellular Data Features*	<p>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)</p>	<h2>Order Options</h2>										
USB Interface	<p>USB 2.0 / USB 3.0 (USB Type-C) USB-C to USB Type A Cable</p>											

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