

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	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	Input Voltage	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;	Connectors:	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	Environmental	Operating Temperature -40°C to +85°C -40°F to +185°F Humidity 5-95%, non-condensing
	UL 2×CA: B3+3; B41+41	Weight	~ 60 grams (No Antennas)
	Cellular Data Features*	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)	Dimensions
USB Interface	USB 2.0 / USB 3.0 (USB Type-C) USB-C to USB Type A Cable	Approvals	FCC / IC

Order Options

Model LTESQ

Contact Information

Copyright 2020 Microhard Systems Inc.
Specifications subject to change without notice.

For more information please contact:



BOCK OPTRONICS INC.

14 Steinway Blvd., Unit 7
Toronto, Ontario M9W 6M6

Tel: (416) 674-2804
sales@bockoptronics.ca
www.bockoptronics.ca



USB Dongle 150 Mbps LTE CAT4

The Microhard LTESQ-CAT4GL is a LTE CAT4 USB Dongle, which integrates natively into Windows and Linux OS. The LTESQ-CAT4GL provides a super compact, industrial strength Cellular Internet Gateway. Using the robust LTE Category 4 Technology, the LTESQ-CAT4GL is capable of providing download speeds of up to 150 Mbps for today's data intensive applications. The LTESQ-CAT4GL is powered directly from USB for fast and simple connectivity!

150 | 50 Mbps (DL|UL)

USB Dongle

Nano SIM (4FF)

USB Powered

Standalone GPS

Compact Size



Features

- Fast CAT4 LTE Operation
- Up to 150 Mbps Downlink / 50 Mbps Uplink
- Global Band Support /Fallback
- USB Powered (5V, 1.5A) - Single cable operation
- USB 2.0, USB 3.0 (Micro-USB Connector)
- Power/Status & Cell LEDs
- Wide Operating Temperature (-40°C to +85°C)
- Standard Windows & Linux Plug and Play USB Drivers



LTESQ-CAT4GL Specifications

Supported Bands LTE FDD: B1,B2,B3,B4,B5,B7,B8,B12,B13, B18,B19,B20,B26,B28 TDD: B38,B39,B40,B41 WCDMA: B1,B2,B4,B5,B8,B6,B19 GSM: B2/B3/B5/B8	<h2 style="text-align: center;">Order Options</h2>
Cellular Data Features* LTE FDD: Up to 150 Mbps DL, 50 Mbps UL LTE TDD: Up to 130 Mbps DL, 35 Mbps UL DC-HSPA+: Up to 42 Mbps DL, 5.7 Mbps UL WCDMA: Up to 384 Kbps DL, 384 Kbps UL EDGE: Up to 296 Kbps DL, 236.8 Kbps UL GSM: Up to 107 Kbps DL, 85.6 Kbps UL <small>*Module Standalone Laboratory Performance</small>	
USB Interface USB 2.0 / USB 3.0 Micro-USB to USB Type A Cable	
Input Voltage USB Powered (min 5V, 1.5A)	
Connectors: Antenna(s) 3x SMA Female (Main, Diversity, GPS) Data+Power Micro-USB SIM 1.8 / 3.0V (Nano - 4FF)	
Environmental Operating Temperature -40°C to +85°C -40°F to +185°F Humidity 5-95%, non-condensing	
Weight ~ 60 grams (No Antennas)	
Dimensions ~ 2.50" x 1.75" x 0.50" (65mm x 45mm x 13mm)	
Approvals FCC/IC RoHS Carrier Specific Approvals: Verizon	

Contact Information

Copyright 2020 Microhard Systems Inc.
 Specifications subject to change without notice.

For more information please contact:



BOCK OPTRONICS INC.

14 Steinway Blvd., Unit 7
 Toronto, Ontario M9W 6M6

Tel: (416) 674-2804
sales@bockoptronics.ca
www.bockoptronics.ca

