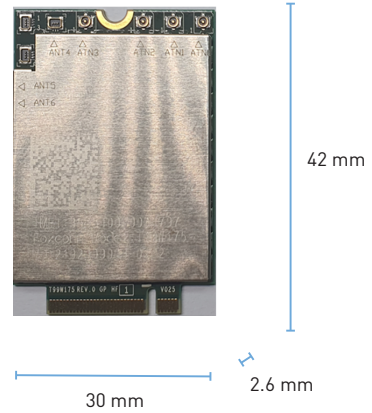




5G / LTE Data Card M.2



Advanced LTE/5G LTE Data Card

Enabling a new generation of 5G state of the art data cards featuring Sub-6 technology with LTE, WCDMA and GNSS support.

Consumer-grade M.2 form factor suitable for mobile computing.

Key Benefits

- Standard M.2 (NGFF) Data-card form factor
- Support of 5G Sub-6 FDD and TDD
- Support of SA & NSA operations, 5G core network Opt. 3a/3x and Option 2
- 4G Rel. 14, 5G Rel. 15
- 4G Cat. 20 up to 7CAs
- 3G HSPA+ Rel. 8
- State of the art GNSS receiver
- Wide regulatory and network carrier certification

AVAILABLE FOR

NA
EMEA
APAC

**Complete,
Ready-to-Use Access
to the Internet of Things**



Product Features

- 5G Sub-6 FDD and TDD, SA & NSA operations
- 5G core network Opt. 3a/3x and Opt. 2
- 4G: 7CA, up to 20 layers DL / 3CA UL, 256 QAM DL/UL
- 3G: HSPA+ Rel. 8 (DL/UL 42/11 Mbps)
- GNSS: gpsOne Gen9, RF connector shared with cellular
- 4 antenna connectors for LTE/Sub-6
- 5G FR1 Bands: n1, n2, n3, n5, n7, n8, n12, n20, n28, n41, n66, n71, n77, n78, n79
- LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18 19, 20, 25, 26, 28, 29, 30, 32, 34, 38, 39, 40, 41, 42, 48, 66, 71
- WCDMA Bands: 5, 8, 3, 4, 2, 1, 9, 19, 6
- 5G 4x4 MIMO support on bands n1, n2, n7, n66, n3, n77, n78, n79, n41
- 4G 4x4 MIMO support on bands 1, 2, 25, 3, 66, 4, 7, 30, 40, 41, 38, 42, 48
- Antenna types: 4x LTE/Sub-6
- Dimensions: 30 x 42 x 2.6mm

Data Throughput

- 5G up to 5.5 DL/2.7 UL Gbps
- 4G up to 2.0 Gbps DL/150 Mbps UL
- 3G up to 42 DL/11 UL Mbps

Environmental

- Operating temperature range: -20 °C to +65 °C

Interfaces

- 1.8/3 V SIM Interface
- PCIe gen3
- Drivers support: Windows 10

Approvals

- Regulatory: FCC, IC, RED, JATE/TELEC*, AU RCM*
- Industry standard: GCF, PTCRB*
- Network carriers: AT&T*, Sprint, Telstra, Verizon

Electrical & Sensitivity

- LTE/5G sub 6 Output power
 - 23 dBm (power class 3)
- Supply voltage
 - Nominal: 3.3 VDC

**Planned*

QUESTIONS? VISIT WWW.TELIT.COM/CONTACT-US

www.telit.com/facebook | www.telit.com/linkedin | www.telit.com/twitter