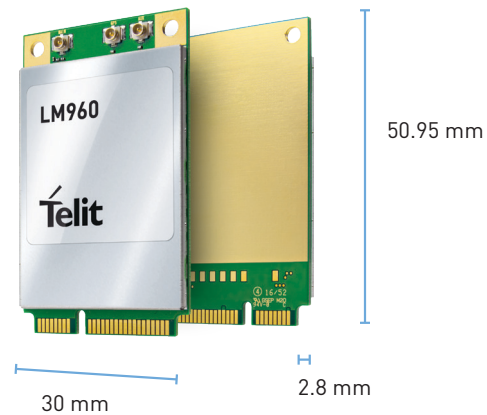




LM960

LTE 1.2/150 mPCIe



Advanced LTE data card

The LM960 Mini PCIe (mPCIe) data card delivers high speed data rates via Advanced LTE and offers a cellular connection for products in network appliance environments. This data card is well-suited for products that demand high throughput such as routers, mobile gateways and access points, to provide the most advanced 4G LTE connectivity, ensuring a rich and seamless user experience.

Based on LTE Category 18, the LM960 mPCIe data card achieves download rates up to 1.2 Gbps. It supports 4x4 MIMO, 5x downlink carrier aggregation and 2x uplink carrier aggregation. The product supports multiple RF frequency bands and band combinations to accommodate global deployments.

Key Benefits

- Standard Mini PCIe Data-card form factor
- LTE Cat 18: Exceptionally high-speed with data rates of up to 1.2 Gbps download and 150 Mbps upload
- Full GNSS support: GPS, GLONASS, Galileo, Beidou
- Data only module

AVAILABLE FOR

[EMEA](#)

[North America](#)

[APAC](#)

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



LM960

Key Specifications

- Form Factor: PCI Express Mini Card type (mPCIe)
- Chipset: Qualcomm SDX20

Key Features

- Global SKU
- LTE Cat. 18
 - Up to 1.2 Gbps DL
 - 4x4 MIMO
 - 5x DL Carrier Aggregation
 - 2x UL Carrier Aggregation
 - Support for CBRS Band
 - LAA up to 60MHz
 - Support for Firstnet B14
 - Full GNSS support - GPS, GLONASS, Galileo, Beidou

RF Bands

- LTE FDD: B1, B25(B2), B3, B66(B4), B26(B5), B7, B8, B12(17), B13, B14, B20, B28, B29(DL), B30, B32(DL), B71
- LTE TDD: B38, B39, B40, B41, B42, B46(DL), B48
- WCDMA: B1, B2, B4, B5, B8

Temperature Range

- Operating: -40 to +85°C
- Storage: -40 to +85°C

Operating Voltage

- 3.1V ~ 3.6V (Typical 3.3V)

Dimension

- 50.95 x 30 x 2.8mm

Approvals

- FCC/IC, PTCRB (North America)
- CE/GCF (Europe)
- AU (C-Tick) (Australia)

Interfaces

- Standard mPCIe interface
- USB 2.0/3.0
- Dual SIM
- GPIOs

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