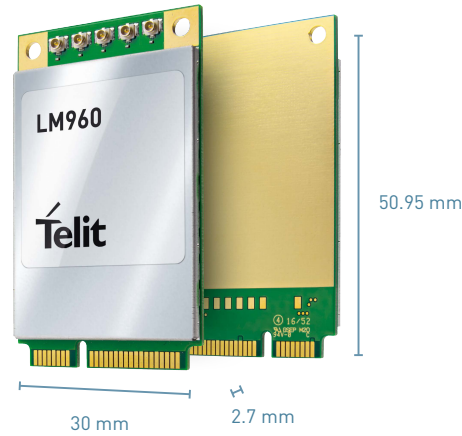




LM960

LTE 1.2/150 | DC-HSPA+ 42.0/5.76 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 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 1.2Gbps with 4x4 MIMO +3 CA and 1Gbps with 2x2 MIMO + 5CA.

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 1.2G bps download and 150 Mbps upload
- Full GNSS support: GPS, GLONASS, Galileo, Beidou
- Data only module
- Allowing UL with 2xCA and support of up to 5xCA DL with 4x4 MIMO

AVAILABLE FOR

EMEA

North America

APAC

Complete, Ready to Use Access to the Internet of Things



IoT MODULES



IoT CONNECTIVITY



IoT PLATFORMS



IoT KNOW-HOW

LM960

Key Specifications

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

Modem Features

- LTE Cat. 18 3GPP Rel. 12
 - Up to 1.2 Gbs DL w/4x4 MIMO +3 CA
 - Full GNSS support - GPS, GLONASS, Galileo, Beidou

RF Bands

- **LTE FDD:** B1, B3, B25(B2), B66(B4), B26(B5/B18/B19), B7, B8, B12(17), B13, B14, B20, B28, B29, B30, B32, B71
- **LTE TDD:** B38, B39, B40, B41, B42, B43, B46, B48
- **3G:** B1, B2, B4, B5(B19), B8

Other Key Features

- 4x4 MIMO on 2 contiguous carrier + 2x2 MIMO on 3rd carrier
- LAA up to 60MHz
- UL 2xCA
- DL 5xCA

Temperature Range

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

- USB 2.0/3.0
- Dual SIM
- GPIOs



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