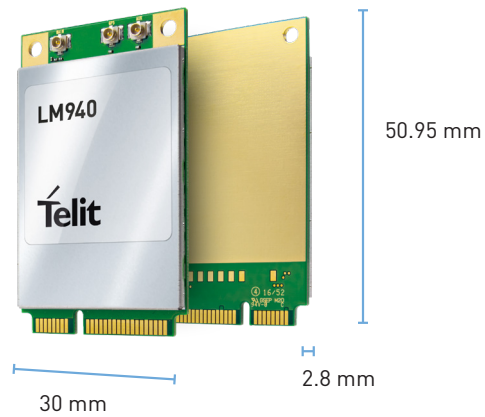




LM940

LTE 600/75 | HSPA+ 42.0/11.5 mPCIe



Advanced LTE data card

The LM940 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 11, the LM940 mPCIe data card achieves download rates up to 600 Mbps supported by the 3GPP release 11 with MIMO and LTE 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 11: Exceptionally high-speed with data rates of up to 600 Mbps download and 75 Mbps upload
- Full GNSS support GPS, GLONASS, Galileo, Beidou
- Increased connectivity performance with Carrier Aggregation 3CA, MIMO and 256 QAM

AVAILABLE FOR

[EMEA](#)

[North America](#)

[Latin America](#)

[APAC](#)

[Australia](#)

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



LM940

Key Specifications

- Form Factor: PCI Express Mini Card type (mPCIe)
- Chipset: Qualcomm MDM9240

Modern Features

- LTE Cat. 11
 - Up to 600 Mbps DL w/3x CA DL, 256QAM DL
 - Full GNSS support - GPS, GLONASS, Galileo, Beidou

RF Bands

- LTE FDD: 1-5, 7, 8, 12, 13, 17, 20, 25, 26, 28, 29, 30 (Rx only), 66
- LTE TDD: 38, 40, 41
- 3G: 1, 2, 4, 5, 8

Other Key Features

- ARM Cortex-A7 up to 1.19 GHz running the Linux operating system
- Linux kernel 3.10
- Linux Application Enabled
- Digital Audio (Optional)

Temperature Range

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

Operating Voltage

- Output power
 - Class 3 (0.2 W, 23 dBm) @ LTE
 - Class 3 (0.25 W, 23 dBm) @ 3G
 - Class 4 (2W) @ GSM 900
 - Class 1 (1W) @ DCS 1800
- Supply voltage
 - Nominal: 3.8 VDC
 - Range: 3.3 - 4.2 VDC

Dimension

- 50.95 x 30 x 2.8mm

Approvals

- FCC/IC, PTCRB, GCF (North America)
- R&TTE/GCF (Europe)
- RCM (Australia)

Interfaces

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

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