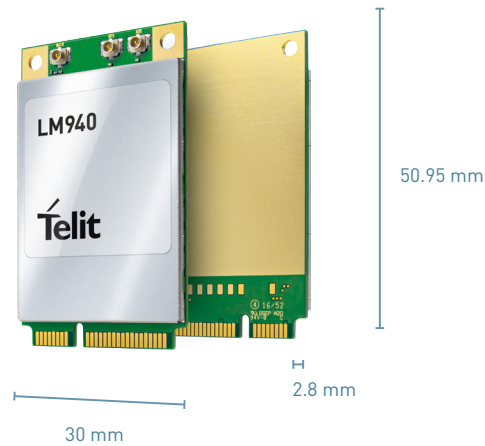# Telit

LM940

50.95 mm

2.8 mm

30 mm

| LTE 600/75 | DC-HSPA+ 42.0/5.76 | 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 mCPIe 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

Japan

Australia

Complete, Ready to Use Access to the Internet of Things

IoT MODULES

IoT CONNECTIVITY

IoT PLATFORMS

IoT KNOW-HOW

ENABLING END-TO-END IoT SOLUTIONS

LM940

Key Specifications

- Form Fact or: PCI Express Mini Card type (mPCIE)
- Chipset: Qualcomm MDM9240

Modem 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, 66
- LTE TDD: 38, 40, 41
- 3G: 1, 2, 4, 5, 8

Other Key Features

- 32 bit 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 ~ +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, 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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For a quicker and more rewarding integration experience join the Telit Technical Forum. There you can browse the first open forum covering all IoT topics, get direct support by region (EMEA, North America, Latin America, APAC), take part in this quickly growing IoT community and exchange experiences.

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