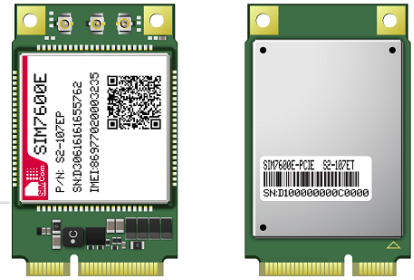




SIM7600X Mini PCIE



SIM7600X-PCIE is a complete multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM module solution in Mini PCIE type which supports LTE CAT1 up to 10Mbps for downlink and 5Mbps for uplink data transfer. It is combined with a SIM7600X (LCC) module and a Mini PCIE adapter board.

Smart Machine Smart Decision

Variant for EMEA/Korea/Thailand

SIM7600E-PCIE:

- LTE-TDD B38/B40/B41
- LTE-FDD B1/B3/B5/B7/B8/B20
- UMTS/HSPA+ B1/B5/B8
- GSM/GPRS/EDGE B3/B8

Variant for North America

SIM7600A-PCIE:

- LTE-FDD B2/B4/B12
- UMTS/HSPA+ B2/B5

Variant for Australia/New Zealand/South America

SIM7600SA-PCIE:

- LTE-TDD B40
- LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28
- UMTS/HSPA+ B1/B2/B5/B8
- GSM/GPRS/EDGE B2/B3/B5/B8

General features

- Mini PCIE package
- Control Via AT Commands
- Supply voltage range: 3.0V~ 3.6V, 3.3V Typical
- Operation temperature: -40°C to +85°C
- Dimension: 50.8*31*5.35mm
- Weight: 12.6g
- Bandwidth: 1.4/3/5/10/15/20MHz
- 3GPP E-UTRA Release 11

Specifications for Data transfer

- LTE CAT1
 - Uplink up to 5Mbps
 - Downlink up to 10Mbps
- HSPA+
 - Uplink up to 5.76 Mbps
 - Downlink up to 42 Mbps
- UMTS
 - Uplink/Downlink up to 384Kbps
- EDGE
 - Uplink/Downlink up to 236.8Kbps
- GPRS
 - Uplink/Downlink up to 85.6Kbps

Other features

- USB Driver for Microsoft Windows 2000/XP/Vista, Windows 7/8/10
- USB Driver for Linux /Android
- RIL supporting for Android 4.x/5.x/6.x/7.x
- MBIM to Win8
- Firmware update via USB
- TCP/UDP/PPP/IPV4/V6 Multi-PDP
- FTP/FTPS/HTTP/HTTPS/DNS/NTP
- SSL3.0/TLS1.0/TLS1.2
- DTMF (Sending and Receiving)
- Audio Playing
- USB Audio and VoLTE
- FOTA

Interfaces

- USB2.0 with High speed up to 480Mbps
- UART
- GPIO
- Antenna: Support Primary/Rx-diversity/GNSS active antenna
- (U)SIM card (1.8V/3.0V)
- Digital Audio through PCM (Optional)
- Analog Audio (Optional)
- Embedded SIM card socket (Optional)
- GNSS: GPS/GLONASS/Beidou/Galileo*

Approvals

- RoHS Compliant
- CE* (SIM7600E/SIM7600SA Mini PCIE)
- FCC*/PTCRB*/AT&T*(SIM7600A Mini PCIE)
- ACMA* (SIM7600SA Mini PCIE)

*Under Development/Testing

More about SIMCom SIM7600X Mini PCIE
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