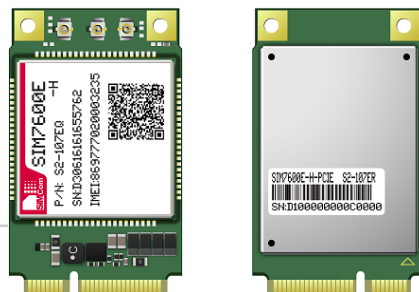




## SIM7600X-H-PCIE



SIM7600X-H-PCIE is a complete multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM module solution in miniPCIE type which supports LTE CAT4 up to 150Mbps for downlink and 50Mbps for uplink data transfer. It is combined with a SIM7600X-H (LCC) module and a miniPCIE adapter board.

### Smart Machine Smart Decision

#### Variant for EMEA/Korea/Thailand

##### SIM7600E-H-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-H-PCIE:

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

##### SIM7600V-H-PCIE:

- LTE-FDD B2/B4/B5/B13

#### Variant for Australia/New Zealand/South America

##### SIM7600SA-H-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

#### Variant for Japan

##### SIM7600JC-H-PCIE:

- LTE-FDD B1/B3/B8/B18/B19/B26
- UMTS/HSPA+ B1/B6 (reserved)

#### General features

- 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 CAT4
  - Uplink up to 50Mbps
  - Downlink up to 150Mbps
- 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
- eCall\*

#### Interfaces

- USB2.0 with High speed up to 480Mbps
- UART
- GPIO
- Antenna: DL MIMO, Support 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-H-PCIE/SIM7600SA-H-PCIE)
- FCC\*/PTCRB\*/AT&T\*(SIM7600A-H-PCIE)
- FCC\*/GCF\*/Verizon\* (SIM7600V-H-PCIE)
- ACMA\* (SIM7600SA-H-PCIE)
- JATE\*/TELEC\* (SIM7600JC-H-PCIE)

\*Under Development/Testing

#### More about SIMCom SIM7600X-H-PCIE Please contact:

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