SIM7600X-H is a complete multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM module solution in LCC type which supports LTE CAT4 up to 150Mbps for downlink and 50Mbps for uplink data transfer. Designed in the compact and unified form factor, SIM7600X-H is compatible with SIMCom HSPA+ SIM5360 module/LTE CAT1 SIM7600X and LTE CAT3 SIM7100 module, which allows customer to design their application once for different technology and benefit from great development time-saving.

**Variant for EMEA/Korea/Thailand**
- **SIM7600E-H:**
  - 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:**
  - LTE-FDD B2/B4/B12
  - UMTS/HSPA+ B2/B5

**Variant for Australia/New Zealand/South America**
- **SIM7600SA-H:**
  - LTE-TDD B40
  - UMTS/HSPA+ B1/B2/B5/B8
  - GSM/GPRS/EDGE 850/900/1800/1900MHz

**Variant for Japan**
- **SIM7600JC-H:**
  - LTE-FDD B1/B3/B8/B18/B19/B26

**General features**
- LCC Package
- Control Via AT Commands
- Supply voltage range: 3.4V~4.2V, 3.8V Typical
- Operation temperature: -40°C to +85°C
- Dimension: 30*30*2.9mm
- Weight: 5.7g
- 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/Win7/Win8/Win10
- USB Driver for Linux/Android
- RIL supporting for Android 2.4/4.0/5.0/6.0/7.0
- MBIM to Win8
- Firmware update via USB
- 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: Solder pads for Primary, Rx-diversity and GNSS antennas
- (U)SIM card (1.8V/3.0V)
- Digital Audio through PCM
- MMC/SD
- SDIO
- ADC
- GNSS: GPS/GLONASS/Beidou/Galileo*

**Approvals**
- RoHS Compliant
- CE(SIM7600E-H/SIM7600SA-H*)
- FCC/PTCRB/AT&T*(SIM7600A-H)
- FCC*/GCF*/Verizon*(SIM7600V-H)
- ACMA* (SIM7600SA-H)
- JATE/TELEC(SIM7600JC-H)

*Under Development/Testing

All specifications are subject to change without prior notice.