EMU MODEM SPECIFICATIONS
MULTIBAND CELLULAR MODEM

<table>
<thead>
<tr>
<th>Specification</th>
<th>EMU MODEM NA Details</th>
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</thead>
<tbody>
<tr>
<td><strong>Height</strong></td>
<td>3.31 inches (84 mm)</td>
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<tr>
<td><strong>Width</strong></td>
<td>2.24 inches (57 mm)</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>0.7 inch (17.79 mm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2.1 oz (60 g)</td>
</tr>
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</table>

**Standard:** 4G LTE with automatic 3G/2G fallback

**Connectivity:** One micro USB 2.0 connector for connection to host devices; one mini UICC card slot

**Antenna connectivity:** Two edge-mounted SMA connectors for external antennas

**IP Protocol:** IP pass-through or bridge mode

**Modem Configuration:** Supports extended AT commands

**OS compatibility:** Linux 2.6.16 or higher; Android Honeycomb or higher; Windows 8.1, 8, 7, CE; Windows Mobile 6.5

**Power input:** 5VDC, 2.5A : (100-240 VAC)

**TRP:** 18 dBm (LTE)

**TIS:** -91 dBm (LTE)

**Operating Temperature:** -30°C to 85°C

**Compliance:** 3GPP Release 9 and LTE Category 3

**Certifications:** FCC Part 15, Class A, RoHS, PTCRB, Industry Canada, CE, AT&T

**EM1000T-NA MODELS**

- U.S.A.
- Canada
- AT&T (GSM)

**EM1000T-EU MODELS**

- Latin America,
- Europe, Australia
- Multiple Carriers

**EM1000T MODELS**

**4G LTE**
- Band 2 (1900 MHz)
- Band 4 (1700 MHz)
- Band 5 (850 MHz)
- Band 17 (700 MHz)

**3G**
- Band 2 (1900 MHz)
- Band 5 (850 MHz)

**2G**
- GSM (850 MHz)
- PCS (1900 MHz)

**EM1000T-EU MODELS**

**4G LTE**
- Band 3 (1800 MHz)
- Band 7 (2600 MHz)
- Band 20 (800 MHz)

**3G**
- Band 1 (2100 MHz)
- Band 8 (900 MHz)

**2G**
- GSM (900 MHz)
- DCS (1800 MHz)


Ideal for M2M applications, such as kiosks, digital signage and failover. The ultracompact EMU Modem is a high-speed multiband cellular modem encased in an innovative lightweight slimline enclosure.