Mini PCIe GPS

Connect Tech's Mini PCIe GPS is a ruggedized GPS module based on the very small industry standard Mini PCIe “Full” module format.

Using the USB bus, this Mini PCIe GPS provides global positioning and time-stamp information, while taking up little space and power within a system. Module supports both Windows and Linux environments.

**Specifications**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>50.95 mm x 30 mm Mini PCIe “Full”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna Connector</td>
<td>U.FL, support for active antennas only</td>
</tr>
<tr>
<td>GPS</td>
<td>GPS, GLONASS, QZSS, Galileo UBX, RTCM, and NMEA protocols</td>
</tr>
<tr>
<td>I/O</td>
<td>TIMEPULSE output synchronized with GPS time grid External Interrupt input External Battery input Forward/Reverse and Wheeckick inputs for Automotive Dead Reckoning</td>
</tr>
<tr>
<td>Cables (Optional, not included)</td>
<td>CBG162: External I/O Cable CBG163: R.FL to SMA Female Cable</td>
</tr>
<tr>
<td>Antenna (Optional, not included)</td>
<td>GPS-06T, VTGPSA-9, Active GPS/GLONASS Antennas Only</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40º C to +85º C</td>
</tr>
<tr>
<td>Warranty and Support</td>
<td>2 Years</td>
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</tbody>
</table>

**Features**

- Small industry standard Mini PCIe “Full” module format
- Takes up little space and power within a system
- Easily integrated into any new or existing system using Windows or Linux
- Extended temperature range -40º C to +85º C

**Part Number**

- MPG201: Mini PCIe GPS Receiver, populated with NEO-7N module (Battery not included)
- MPG202: Mini PCIe GPS Receiver, populated with NEO-7N module (Battery included)
- MPG203: Mini PCIe GPS Receiver, populated with NEO-M8N module (Battery not included)
- MPG204: Mini PCIe GPS Receiver, populated with NEO-M8N module (Battery included)
- MPG205*: Mini PCIe GPS Receiver, populated with NEO-M8N module (Battery included)
- MPG206*: Mini PCIe GPS Receiver, populated with NEO-M8L module (Battery included)
- MPG207*: Mini PCIe GPS Receiver, populated with NEO-M8U module (Battery not included)
- MPG208*: Mini PCIe GPS Receiver, populated with NEO-M8U module (Battery included)

* With Dead Reckoning
Product Name: Mini PCIe GPS
Part Number:
MPG201, MPG202, MPG203, MPG204,
MPG205, MPG206, MPG207, MPG208

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