



**COMTEL**  
ELECTRONICS

*In series  
production*



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**Key Features**

- **Man-Portable or Vehicle-Mount 85W Network-In-A-Box**
- **LTE Modem**
- **Ruggedised COM-Express Type 6 Core i7 Processor Module**
- **Ruggedised MiniPCIe SSD**
- **GPS Module with Antenna**
- **DDR Memory**
- **TEMPEST qualified**
- **Operating Temp: -20 to +55°C. Weight: <4kg**

**Designed to meet Environment**

PARAMETER	SEVERITY	ENVIRONMENTAL
Temperature	-20 to +55°C Baseplate temperature	Upper: MIL-STD-810F Meth 501.4 Lower: MIL-STD-810G Meth 502.4
Blowing Rain		MIL-STD-810F Meth 506.4 Proc I
Salt fog		MIL-STD-810F Meth 509.4
Vibration		Operational: MIL-STD-810F Meth 514.5 Proc I Cat 20 Transportation: MIL-STD-810F Meth 514.5 Proc II Cat 5
Shock	40 g 20 ms	Mechanical Shock: MIL-STD-810F Meth 516.5 Proc IV
Sand and dust		MIL-STD-810F Meth 510.4
Icing/Freezing Rain		MIL-STD-810G Meth 521.3
Splash		MIL-STD-108
EMC	CE102, CE106, CS101, CS106, CS114, RE102, CS114, CS115, CS116, CS118	MIL-STD-461E