Ruggedized Embedded Systems

Connect Tech's Engineered Solutions provide rugged systems for the most challenging environments. Tested and complies with MIL-STD-810G ratings for Vibration and an operating temperature of -40 to +85 degree C.

**FEATURES**

- High Performance Intel® Core™ i7
- Tested to MIL-STD-810G for Shock, Vibration and Temperature
- Wide range MIL-STD Input Power +16.5V to 50V DC
- Transient Protection to MIL-STD-704
- EMI Filtering to MIL-STD-461

### Processing Core

- **CPU**: Intel® Core™ i7-3517 (2 x 2.8 GHz, 4MB L2 cache, 17W)
- **Chipset**: Intel QM77
- **Memory**: 8GB DDR3L Memory

### I/O

- **Ethernet**: 2 x Gigabit (10/100/1000) Ports
- **Video**: Analog CRT / VGA Output
- **USB**: 4 x USB 2.0 Ports
- **Audio**: 1 x Analog Stereo Input, 1 x Analog Stereo Output
- **GPIO**: 8-bits GPIO
- **Connectors**: 2 x MIL-DTL-38999 17-35 (I/O)
  
### Power

- **Vin range**: +16.5V to 50V DC (+13.9V to 50V DC after startup)
- **Transient Protection**: MIL-STD-704A/E/F and MIL-STD-1275A/B/D
- **EMI Filtering**: MIL-STD-461E/F
- **Available Output**: 120W continuous

### Mechanical

- **Dimensions**:
  
### Environmental

- **Vibration**: Tested to MIL-STD-810G method 514.6
- **Shock**: Tested to MIL-STD-810G method 516.6
- **Operating Temperature**:
  
RoHS

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