

Military Rugged Box PC (Intel 4th Generation Haswell Platform with Core i7 CPU)



Features:

- Intel® Haswell® 4th Generation Core i7
- MIL-STD-810F in temperature, vibration and shock
- MIL-STD-461E EMC compliance
- MIL-STD-1275D 18~32V Power Input
- Full IP67 water dust proof, anti-corrosion housing
- 2 x Independent video output
- 4 x GbE Ethernet
- 7 - year longevity

Specification

System:

• CPU	: Intel® Haswell Core i7-4650U 1.7Ghz processor
• Chipset	: SoC Integrated
• Memory	: DDR3L 1600MHz 16GB
• Storage	: 1 x mSATA SSD 128GB
• Ethernet	: Realtek® RTL8111G Ethernet Controller Intel® i218 Ethernet Connection Intel® WG82574L
• BIOS	: AMI 16Mbit Flash
• System Indicator	: 1 x Power LED, 1 x HDD LED
• VGA Output	: 1 x VGA Output
• DVI Output	: 1 x DVI Output
• Audio Output	: 1 x Audio Output
• WLAN	: Full size miniPCIe for wireless card IEEE 802.11 a/b/g/n 2x2 Dual Band (optional)
• WWAN	: Full size miniPCIe for WWAN 3G/ 4G card integrated (optional)
• Power	: 18~32V Isolated Power Input (MIL-STD-461F)

Dimensions/ Weight :

• Dimensions	: 300 x 130 x 120 mm (W x H x D)
• Weight	: 4 KG for identity

Environment Tolerance:

• Operating Temperature	: -30 deg. C to 65 deg. C
• Operating Humidity	: 5% to 95% (Non Condensing)
• Storage Temperature	: -40 deg. C to 80 deg. C
• IP Level	: Full - IP67
• Vibration	: 2.5G, 5~500Hz/XYZ, MIL-STD-810F Method 514.5 Procedure I
• Shock	: 40G, 11ms, MIL-STD-810F Method 516.5 Procedure I
• EMI	: MIL-STD-461F for CE101, CE102, CE106, CS101, CS103, CS104, CS105, CS109, CS114, CS115, CS116, RE101, RE102, RE103, RS101, RS103, RS105

Input / Output :

I/O for Signal (D38999 Connector)	: 6 x USB 2.0 : 2 x RS232 /422/ 485 : 4 x GbE LAN : 1 x Audio output : 1 x DVI Port : 1 x VGA Port
I/O for Power Input (D38999/26WD5PN)	: 1 x DC 18~32V Input
Power Button	: 1 x Power on/off Button
Antenna	: 2 x SMA antenna (optional)

