

20.1" Military grade laptop (Intel 6th Generation Skylake Intel Core i7 Processor)



### Features:

- 20.1" , 4:3 LCD Display
- Intel Skylake Platform
- -20~+60°C Operating Temperature
- MIL Connectors D38999
- Full-IP65 Protection

### Panel Specification :

• Size/ Type	: 20.1" LCD (LED backlight)
• Active Area (mm)	: 381.888 (H) x 214.812 (V)
• Pixel Pitch (mm)	: 0.255 (H)x 0.255 (V)
• Resolution	: 1600 x 1200 @ 60Hz
• Contrast Ratio	: 1,000 : 1 (typ.)
• Max. Colors	: 16.7M (8-bit/colors)
• Brightness	: 300 (cd/m <sup>2</sup> )
• Viewing Angle	: -88 ~ 88 (H); -88 ~ 88 (V)
• Glass	: AR protective Glass (Optional)

### Environment Tolerance:

• Operating Temperature	: -20 deg. C to 60 deg. C
• Storage Temperature	: -30 deg. C to 70 deg. C
• Operating Humidity	: 5% to 95% (Non Condensing)
• IP65	: Full - IP65
• Vibration	: 5 Hz ~ 500 Hz/ 1 Grms/ 3 Axis (For SSD storage option)
• Shock	: 15G, 11ms duration (For SSD storage option)
• Reliability	: MIL-STD-810G (For SSD storage option)
• EMC compliance	: MIL-STD-461F

### Power Specification:

• Consumption	: 40 W typical, normal operation
• Management	: VESA DPMS compliant
• Power Cord	: 1 x Power Cord (Power cord type provided by region)
• Power Adapter	: 1 x Power Adapter w/ D38999 Connector

### Specification

#### System:

• CPU	: Intel® Skylake U-series 6th Generation Core i7-6600U 2.6GHz
• Chipset	: SoC Integrated
• Memory	: DDR3L 1600MHz 8GB (up to 16GB)
• Storage	: 1 x 2.5" SSD in Hot swappable array
• Ethernet	: Intel® i210 Ethernet Controller Intel® i219 Ethernet Connection
• BIOS	: AMI 16Mbit Flash
• System battery	: 1 x 5200mAh Li-ion Battery
• Watchdog	: Programmable 1~255 sec.
• WLAN	: Full size miniPCIe for wireless card IEEE 802.11 a/b/g/n 2x2 Dual Band (Optional)
• WWAN	: 3G/ 4G LTE module (for optional)
• BT	: BT 4.0
• Watchdog	: Programmable 1~255 sec.
• GPS	: U-blox GPS module (for optional)

#### Input / Output (MIL connectors):

• Serial Ports	: 2 x RS232 (RS422/485 optional) (D38999)
• USB Ports	: 2 x USB 2.0 (D38999)
• Ethernet	: 2 x 10/100/1000 GbE LAN (D38999)
• Power Input	: 19V DC Input (D38999)
• VGA	: 1 x VGA Output (D38999)

### Drawings

