



### Specification

#### System Features:

- CPU : 11th Generation Intel® Core™ i7-1185GRE
- Chipsets : Intel SoC Integrated
- RAM : DDR4 3200MHz 16GB (Up to 64GB)
- SSD : SATA3 128GB SSD (Up to 2TB)
- Ethernet : 2x 10/100/1000 LAN
- GPS (Optional) : Supports GPS, GLONASS, Galileo
- Canbus (Optional) : 2 channel Isolated Canbus 2.0B
- Power Input : DC Isolated 9~36V DC Input
- Power Consumption : 40 Watt Max.
- Control Buttons : 24-Key programmable membrane switch

#### Input/ Output :

- D38999 : 2 x USB 2.0; 2 x USB3.0
- : 2 x Canbus (Optional)
- : 1 x HDMI ; (DVI optional)
- : 1 x DP (Optional)
- : 2 x RS232/422/485
- : 2 x GbE Ethernet

- D38999 : 1x 9~36VDC  
MIL-STD-1275/MIL-STD-704 compliance

- D38999 layout possibility : Rear (by request)

#### Panel Specification :

- Size/ Type : 10.4" LCD
- Resolution : 1024 x 768
- Brightness : 1000 (typ.) Sunlight readable
- Contrast Ratio : 1000 : 1 (typ.)
- Max. Colors : 16.2M (8 bits/color)
- Viewing Angle : 176 (H) / 176 (V)
- Active Area : 210.4 (H) x 157.8 (V)
- Touch : 5-wire resistive touch screen (PCAP optional)

#### Environment Tolerance:

- Operating Temperature : - 30°C to 70°C
- Storage Temperature : - 40°C to 80°C
- IP Level : Full-IP67
- Humidity : 5 to 95% (Non Condensing)
- Shock : MIL-STD-810G Method 516.6
- Vibration : MIL-STD-810G Method 514.6C-3
- Humidity : MIL-STD-810G Method 507.5-7 High
- Temperature : MIL-STD-810G Method 501.5-II Low
- Temperature : MIL-STD-810G Method 502.5
- EMC Compliance : MIL-STD-461G
- Ground Vehicle : MIL-STD-1275
- Airborne Electrical Power : MIL-STD-704
- NVIS (Optional) : MIL-STD-3009, Class B

#### Dimensions:

- Dimensions : 300 x 240 x 77mm
- Weight : 2.5kg

### Drawings (draft for reference)

