

# 12.1" Multi-Function Rugged Panel PC

## SD-12WRP-G7



### Specification

#### System Features:

- CPU : i7-1185GRE (Max 4.40 GHz) Quad Core CPU
- Chipsets : Intel SoC Integrated
- RAM : DDR4 3200MHz 16GB (Up to 64GB)
- SSD : 128GB SSD (Up to 2TB)
- Ethernet : 2 x 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 : 60 Watt Max.
- Control Buttons : 24-Key membrane switch

#### Input/ Output :

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

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

- D38999 layout possibility : Rear (by request)

#### Panel Specification :

- Size/ Type : 12.1" LCD
- Resolution : 1024x768
- Brightness : 1000 (typ.) Sunlight readable
- Contrast Ratio : 1000 : 1 (typ.)
- Max. Colors : 16.2M (8 bits/color)
- Viewing Angle : 178 (H) / 178 (V)
- Active Area : 245.7 (H) x 184.3 (V)
- Touch : 5-wire resistive touch screen (PCAP optional)

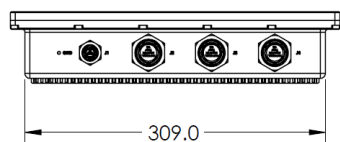
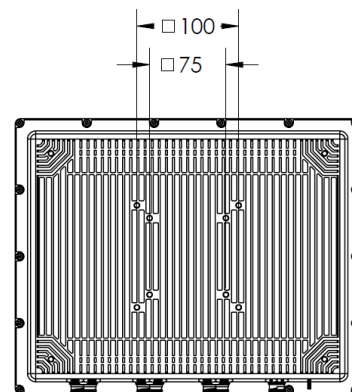
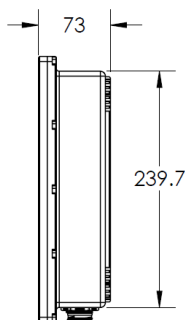
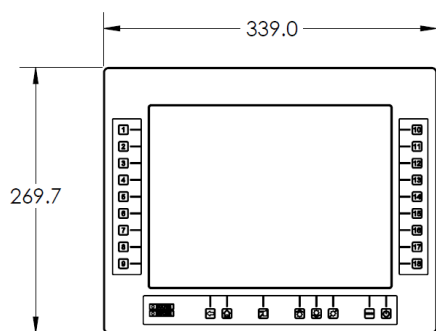
#### Environment Tolerance:

- 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-461F
- Ground Vehicle : MIL-STD-1275
- NVIS (Optional) : MIL-STD-3009, Class B

#### Dimensions:

- Dimensions : 339.0 x 246.1x 77mm
- Weight : 3kg

### Drawings (draft for reference)



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