

Powered by 13th Generation Raptor Lake 10x Cores Intel® Core™ i7-1366URE Processor



### Features:

- **CPU: Intel® Core™ i7-1366URE Processor**
- **MIL-STD-810G Environmental compliance**
- **MIL-STD-461G EMC compliance**
- **Full IP67 water dust proof, anti-corrosion housing**



## SYSTEM SPECIFICATION



<b>Chassis</b>	Aluminum 6061-T6 allow, fanless design ,convection cooled , black anodized housing
<b>CPU</b>	Intel® 13th Generation Raptor Lake 10x Cores Intel® Core™ i7-1366URE, 12M Cache, up to 4.90 GHz Processor
<b>Chipsets</b>	System on Chip
<b>Memory</b>	DDR5 4800 MHz , Max 64GB
<b>Storage</b>	1x NVMe SSD up to 4TB
<b>Graphics</b>	Intel Iris Xe Graphics
<b>Optional Add-Ons / Extensions</b>	Time card (1x 1PPS input ,2x 1PPS output), GPS, CAN bus, HD-SDI or Analog Frame Grabber
<b>OS support</b>	Windows / Linux / Ubuntu
<b>Display</b>	2 x HDMI
<b>Serial</b>	2 x RS232 / 422 / 485 ports; (Optional extra 4x RS232 / 422 / 485 ports)
<b>LAN Interface</b>	5 x Intel 2.5GbE I226-IT
<b>TPM</b>	TPM 2.0
<b>I/O Interfaces</b>	2x HDMI, 2x RS232/RS422/485, 5x 2.5GbE LAN, 2x USB3.0, 5x USB 2.0, 1x Power input
<b>Power</b>	DC 18-36V input , transient protection (surges, spikes, ripples) per MIL-STD-1275D and RTCA/DO-160G
<b>Dimension/ Weight</b>	220mm x 80mm x 230mm (W x H x D) ; 3.5kg
<b>Temperature</b>	Operating Temperature -30 ~70°C ; Storage Temperature -40 ~ 85°C
<b>Salt Fog</b>	MIL-STD-810H, Method 509.5
<b>Humidity</b>	RH 95% per MIL-STD-810H Method 507.5
<b>Shock</b>	20G per MIL-STD 810H Method 516.6
<b>Vibration</b>	MIL-STD-167-1 Shipboard ; MIL-STD-810H Method 514.6
<b>EMI/EMC</b>	MIL-STD-461G (CE102, RE102, RS103, CS101, CS114, CS115, CS116, CS118) compliance
<b>Ingress Protection rating</b>	IP67

# DRAWING

