

Powered by 13th Generation Raptor Lake 10x Cores Intel® Core™ i7-1365URE Processor



Features:

- CPU: Intel® Core™ i7-1365URE Processor
- MIL-STD-810G Environmental compliance
- MIL-STD-461G EMC compliance
- Full IP67 water dust proof, anti-corrosion housing



SYSTEM SPECIFICATION

Chassis	Aluminum 6061-T6 allow, fanless design ,convection cooled , black anodized housing
CPU	Intel® 13th Generation Raptor Lake 10x Cores Intel® Core™ i7-1365URE, 12M Cache, up to 4.90 GHz Processor
Chipsets	System on Chip
Memory	16GB DDR5 4800 MHz , (Max support up to 64GB)
Storage	1x 1TB NVMe SSD, (Max support up to 4TB)
Graphics	Intel Iris Xe Graphics
Optional Add-Ons / Extensions	GPS, CAN bus, HD-SDI or Analog Frame Grabber
OS	Windows 10/11, Linux , Ubuntu
Display	2x HDMI
Serial	2x RS232 / 422 / 485 ports
LAN Interface	2 x Intel 2.5GbE I226-IT, (Optional 5x 2.5GbE LAN ports)
TPM	TPM 2.0
I/O Interfaces	2x HDMI, 2x RS232/RS422/485, 2x 2.5GbE LAN, 2x USB3.0, 4x USB 2.0, 1x Power input
Power	DC 18-36V input , transient protection (surges, spikes, ripples) per MIL-STD-1275D and RTCA/DO-160G
Dimension/ Weight	220mm x 80mm x 230mm (W x H x D) ; 3.5kg
Temperature	Operating Temperature -40 ~71°C ; Storage Temperature -40 ~ 85°C
Salt Fog	MIL-STD-810H, Method 509.5
Humidity	RH 95% per MIL-STD-810H Method 507.5
Shock	40G per MIL-STD 810H Method 516.8
Vibration	MIL-STD-167-1 Shipboard ; MIL-STD-810H Method 514.4
EMI/EMC	MIL-STD-461G (CE102, RE102, RS103, CS101, CS114, CS115, CS116, CS118) compliance
Ingress Protection rating	IP67
MTBF	100,000 hours at 45°C per MIL-HDBK-217 FN2

DRAWING

