AI Rugged Computer

with IP67 Protection and NVIDIA RTX 2080 TI

Based on NVIDIA GPU RTX 2080TI x 2

- Fully Ruggedized, high-performance computer, for video analytics, Artificial Intelligent and Situational Awareness uses
- Meets the requirements for tanks, artillery and APC
- Support dual 250W NVIDIA graphics up to 28 TFLOPS
- Support Intel Xeon E 8th -Gen

- Complies with MIL-STD 810, 461 and IP67
- Includes a wide range of interfacess
- DC Input from 8-35V
- 128GB DDR4 2133 (4xSODIMM)
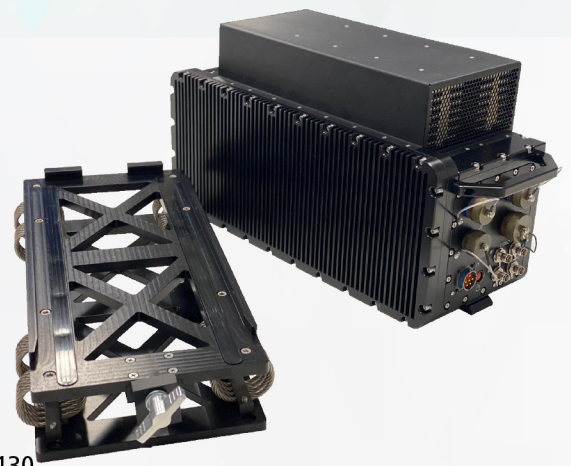- Design for -20 to +50C rugged operation

MIL-STD-810G MIL-STD-461F IP67

Rugged Vehicle Computer for AI Uses with NVIDIA 2080TI GPU

OPERATING SYSTEM	▪ Linux Mint

DURABILITY	▪ **Temperature**, MIL-STD-810G, Method 501.5 & 502.5
	  Operating -20° C to +50 ° C
	  Non Operating -40° C to +85 ° C
	▪ **Humidity**, MIL-STD-810G, Method 507.5
	▪ **Vibration**, MIL-STD-810G, Method 514.6, Category 4
	▪ **Shock**, Functional: MIL-STD-810G, Method 516-6, Proc.I
	▪ **EMI/RFI**, MIL-STD-461F
	▪ **Ingress Protection Rating**, IP67
	▪ **Chassis**, Aluminum
	▪ **Connectors**, MIL-STD - D38999

CPU	▪ Intel®Xeon® Processor E-2278GE 8th Gen
CHIPSET	▪ Intel® C246 platform controller hub
STORAGE & MEMORY	▪ 128 GB ECC/ non-ECC DDR4 2133 SDRAM ▪ Storage 15TB SSD
GPU	▪ NVIDIA RTX 2080TI x 2
ETHERNET	▪ 2 x Gigabit Ethernet Ports by Intel (D38999 connectors) ▪ 1 x 10 Gigabit Ethernet ports (D38999 Connector)
Video Port	▪ 2 x DVI-D connectors D38999 Connectors
USB	▪ 4 x USB2.0 (D38999 Connector)
Serial Interfaces	▪ RS-232 - Optional ▪ RS- 422 / 485 - Optional
MORE OPTIONS	▪ Ublox GPS with TNC connector ▪ RS-170 x 4 (input) - TNC Connectors
POWER SUPPLY	▪ Input 8-35 vdc - D38999 Connector ▪ MIL-STD 1275-D - Optional
MECHANICAL INTERFACES	▪ Shock absorbers adapter for APC / Tank Uses
DIMENSIONS & WEIGHT	▪ Appendix A ▪ 30.0 Kg with Docking
COLOR	▪ Black - Anodize
WARRANTY	▪ 1-year limited warranty, parts and labor

488.00

368.24

73.00

350.03

516.99

CTI RealSolutions