







- MIL-STD 810 Thermal, shock, vibration, Humidity / EMI / EMC
- IP65 Chassis with D38999 connectors
- Intel® 13th Gen. Raptor Lake-H Core® I7-13800 HRE processor
- Up to 96GB DDR5 5200MHz SO-DIMM, non-ECC
- NVIDIA RTX[™] A2000 4GB GDDR6 memory 2,560 CUDA cores
- 18V~36V DC-Input

AND

AIR

- Extreme Temperature : -20°C to +60°C Degree
- Dimensions : 250(W) x 350 (L) x 105 (H) mm

Specifications

SYSTEM

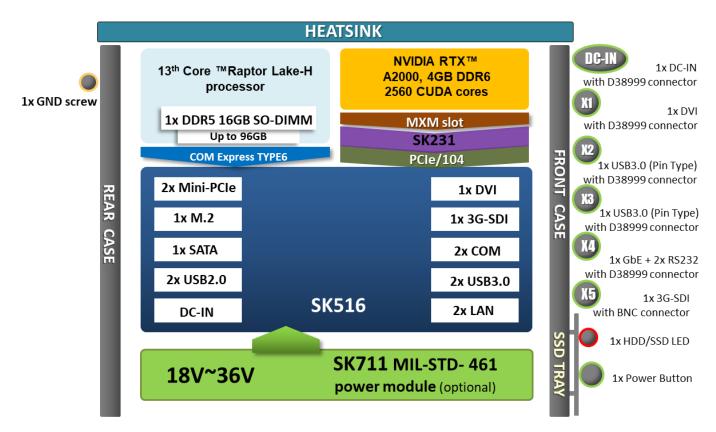
CPU	Intel® 13 Gen. Raptor Lake-H Processors, integrated Intel® Iris® Xe Graphics - Intel® Core® i7-13800HRE, 45W , 14C/20T, Freq. 2.5/5 GHz, 24MB cache
Memory type	16GB DDR5 5600 Mbps SO-DIMM, Up to 96GB , non-ECC
GPU	NVIDIA RTX™ A2000, 4GB GDDR6 memory, 2560 CUDA cores
	2x Full-size mini PCIe
Expansion Slot	1x M.2 2280 M key (both PCIe Gen3 x4 from PEG)
	1x SATAIII
STORAGE	
SATA	1x 2.5" 512GB SSD, Hot Swappable SSD/HDD slot
M.2	1x 2280 M key (option)
ETHERNET	
Ethernet	2x 10/100/1000 /2.5G Ethernet Ports (One from CPU module)
FRONT I/O	
DC-IN	1x 18V~36V DC-IN with D38999 connector
X1	1x DVI with D38999 connector
X2	1x USB3.0 with D38999 Pin type connector
Х3	1x USB3.0 with D38999 Pin type connector
X4	1x GLAN +2x COM(RS232) with D38999 connector
X5	1x 3G-SDI output with BNC connector
LED	1x SSD/HDD LED indicator
Switch	1x IP65 power button , with LED indicator
REAR I/O	
GND	1x GND screw
Power	
Power input	18V~36V DC-Input
APPLICATION, O	PERATING SYSTEM
Application	Military Platforms Requiring Compliance Where Harsh Temperature, Shock Vibration, Altitude, Dust Conditions.
PHYSICAL	
Dimension	250(W) x 350 (L) x 105 (H)mm
Weight	9.8Kg
Chassis	Aluminum Ally

ENVIRONMENTAL

RoHS, WEEE compliance	
-20°C to +60°C	
-40°C to +85°C	
5% to 95%, non-condensing	
OPERATION SYSTEM	
Windows 10 / 11 64Bit, Linux by option	
RoHS compliant	

*All specifications and photos are subject to change without notice.

Block Diagram



Appearance



Dimension

