



LAND



SEA



AIR

AV600-RH-AB

MILITARY IP65 GPU COMPUTER



- 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
- 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
Expansion Slot	2x Full-size mini PCIe 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)
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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
X3	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
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POWER

Power input	18V~36V DC-Input
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APPLICATION, OPERATING SYSTEM

Application	Military Platforms Requiring Compliance Where Harsh Temperature, Shock, Vibration, Altitude, Dust Conditions.
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PHYSICAL

Dimension	250(W) x 350 (L) x 105 (H)mm
Weight	9.8Kg
Chassis	Aluminum Alloy
Heatsink	Heatsink Aluminum Alloy with Air Cooler, Corrosion Resistant

ENVIRONMENTAL

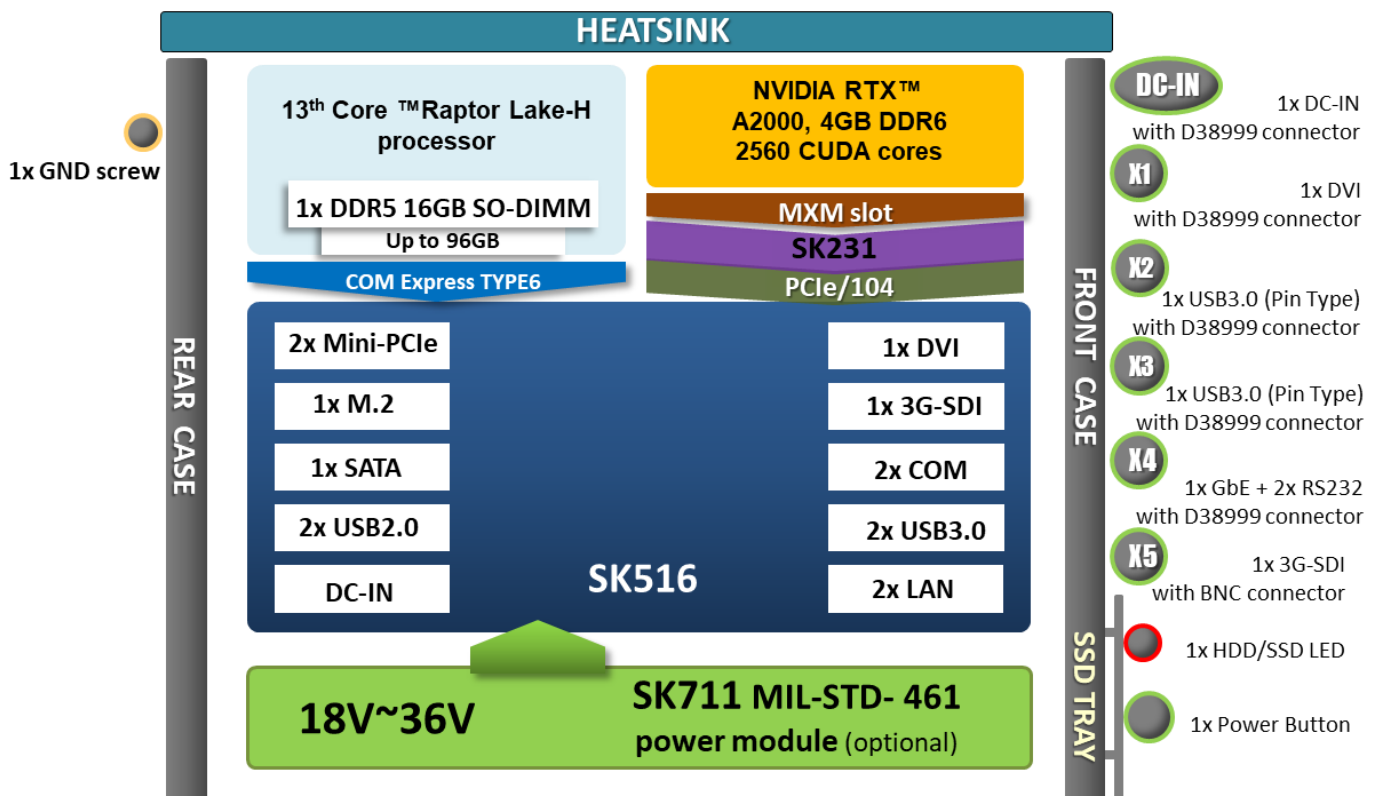
Green Product	RoHS, WEEE compliance
Operating Temp.	-20°C to +60°C
Storage Temp.	-40°C to +85°C
Relative Humidity	5% to 95%, non-condensing

OPERATION SYSTEM

Operating System	Windows 10 / 11 64Bit, Linux by option
RoHS	RoHS compliant

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

Block Diagram



Appearance



Dimension

