



LAND



SEA



AIR

IV320-RH-A50

IP65 NVIDIA 5000ADA GPU COMPUTER
WITH INTEL® 13TH RAPTOR LAKE-H PROCESSOR



- IP65 sealed enclosure for harsh, wet and dusty environments.
- Intel® 13th Raptor Lake-H, Core i7-13800HRE, 14C, 20T, 5.0Ghz
- NVIDIA® Quadro MXM RTX 5000Ada (16GB GDDR6, 9728 CUDA)
- 1x10GbE data input for sensor payload connectivity
- Rugged Waterproof M12/M20 connectors
- 2 x 2.5" SATA SSD Easy Swap Tray
- Operation Temperature
 - Permission Mode:-20°C to +50°C
 - Stress Mode:-20°C to +40°C
- Wide Range 12V-32V DC-IN
- MIL-STD-810 Anti-Vibration, Shock

Specifications

SYSTEM

CPU	Intel® 13th Raptor Lake Core i7-13800HRE, 14C, 20T, 2.5/5.0GHz, 24M Cache, TDP 45W.
Memory type	Dual DDR5 SO-DIMM 5200MHz, Up to 64GB

DISPLAY

GPU	NVIDIA® Quadro RTX 5000Ada - (9728 CUDA Cores)
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STORAGE

HDD/SSD	2 x 2.5" Easy swap HDD/SSD Tray
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FRONT I/O

Power	1 x DC-IN 12~36V with M12 connector
X1	1 x 2.5GbE LAN with M12 connector
X2	1 x 2.5GbE LAN with M12 connector
X3	1 x USB3.0 Type-A with M20 connector
X4	1 x 10GbE RJ45 port with M20 connector
X5	1x mini-DP with D38999 connector
Power	1 x Power Button with LED backlight
Storage Device	2 x 2.5" Easy swap HDD/SSD Tray

REAR I/O

Ground Screw	1 x M4 Screw
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OPERATING TEMPERATURE

Permissible Mode Temp.	-20°C to +50°C
Stress Mode Temp.	-20°C to +40°C

OPERATIONAL SYSTEMS

Windows	Windows 10
Linux	Fedora 20, Ubuntu 13.04, Ubuntu 13.10, Ubuntu 14.04

Introduction



Ordering Information

Rugged GPU Computing platform supporting NVIDIA® QUADRO Ada 5000 and Intel® 13th-Gen Core™ processor+10 GbE LAN

This datasheet is for marketing purposes only and does not constitute a warranty. All specifications, dimensions, and data are subject to change without notice. For the latest specifications and updates, please contact your 7STARLAKE representative.