



LAND



SEA



AIR

AV1000-RX

INTEL® 6TH XEON® GRANITE RAPIDS SP PROCESSOR
LIQUID COOLED GPU SERVER

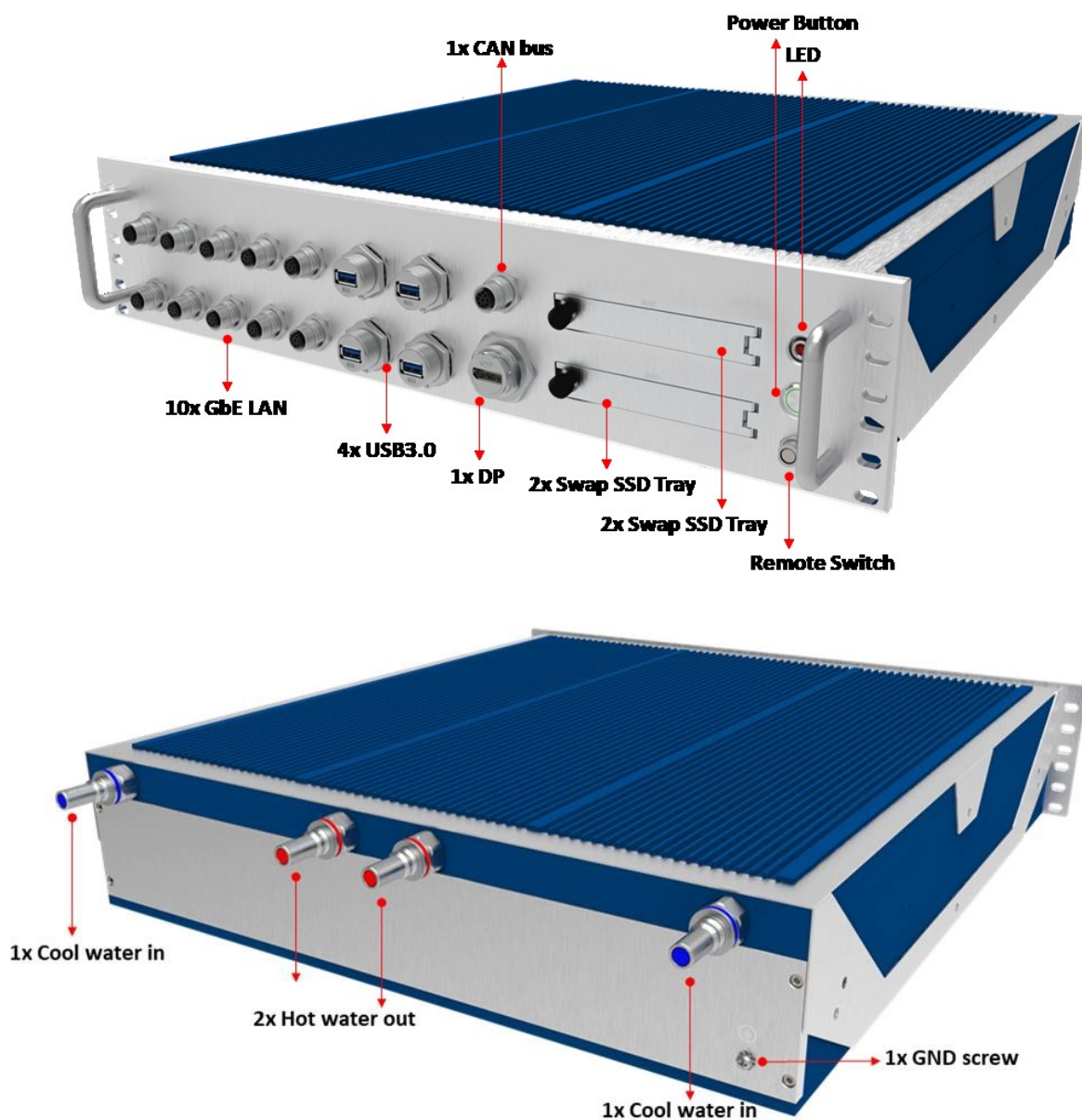


- Liquid Cooled Platform
- CPU: 2x Intel 6th Xeon P cores 6520P (210W)
- NVIDIA RTX Pro 2000 or Pro 4000 Blackwell
- 64GB DDR5 5600 RDIMM ECC
- 2x RJ45 LAN
- MegaRAID 9560-16i Contact Sales PCIe 4.0 RAID flexibility with Tri-Mode connectivity and NVMe devices
- OS: 2x 2TB M.2 SSD with RAID 1
- Data: 4x 2TB 2.5" U.2 NVMe SSD with RAID 5
- 5x USB2.0, 6x USB3.0, Isolated Serial Port 1x RS232, 2x RS422
- 1x DVD-RW
- Dimensions: 450 x 500 x 100 mm (W x D x H)

Ordering Information

Liquid Cooled Platform, 2x Intel 6th Xeon P cores 6520P (210W), NVIDIA RTX Pro 2000 or Pro 4000 Blackwell, 64GB DDR5 5600 RDIMM ECC, 2x RJ45 LAN, MegaRAID 9560-16i Contact Sales PCIe 4.0 RAID flexibility with Tri-Mode connectivity and NVMe devices, OS: 2x 2TB M.2 SSD with RAID 1, Data: 4x 2TB 2.5" U.2 NVMe SSD with RAID 5, 5x USB2.0, 6x USB3.0, Isolated Serial Port 1x RS232, 2x RS422, 1x DVD-RW

Appearance



Specifications

SYSTEM

CPU	Dual Intel® Xeon 6 th P cores 6520P 24 Cores 2.4GHz/3.4GHz (210W)
Memory type	64GB ECC RDIMM DDR5-6400MT/s
GPU	NVIDIA® RTX Pro 2000/ Pro 4000 Blackwell

STORAGE

M.2	2 x M.2 2280 NVMe 2TB SSD support RAID 1 (OS Storage)
NVMe	4 x NVMe 2TB SSD support RAID 5 (Data Storage)

FRONT I/O (M8/M12/M20/D38999)

X1-X10	10 x 1GbE LAN with M12 connector
X11-X14	4 x USB3.0 with M20 connector
X15	1 x CAN bus with M12 connector
X16	1 x DP with M20 connector
SSD	4 x swappable SSD
X23	GPIO 8 in /8 out with D38999 connector
DC-IN	1 x 12V~63V DC with M12 connector
Power button	1 x IP67 power button
RES	1 x Remote Switch with M8 connector

REAR I/O

GND	1 x GND screw
Water in	2 x LQ4 with 1/4" G-thread/BSPF, Blue color
Water out	2 x LQ4 with 1/4" G-thread/BSPF, Red color

OS SUPPORT LIST

OS	X86_64 Architecture, Ubuntu 20.04/22.04
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THERMAL

Liquid Cooled	Liquid Cooled Plate by Liquid-to-Liquid thermal exchange
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MECHANICAL

Power Requirement	12V~63V DC-IN
Dimension	450 x 500 x 100 mm (W x D x H) exclude shock isolation plate
Weight	21 kg

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.