



LAND



SEA



AIR

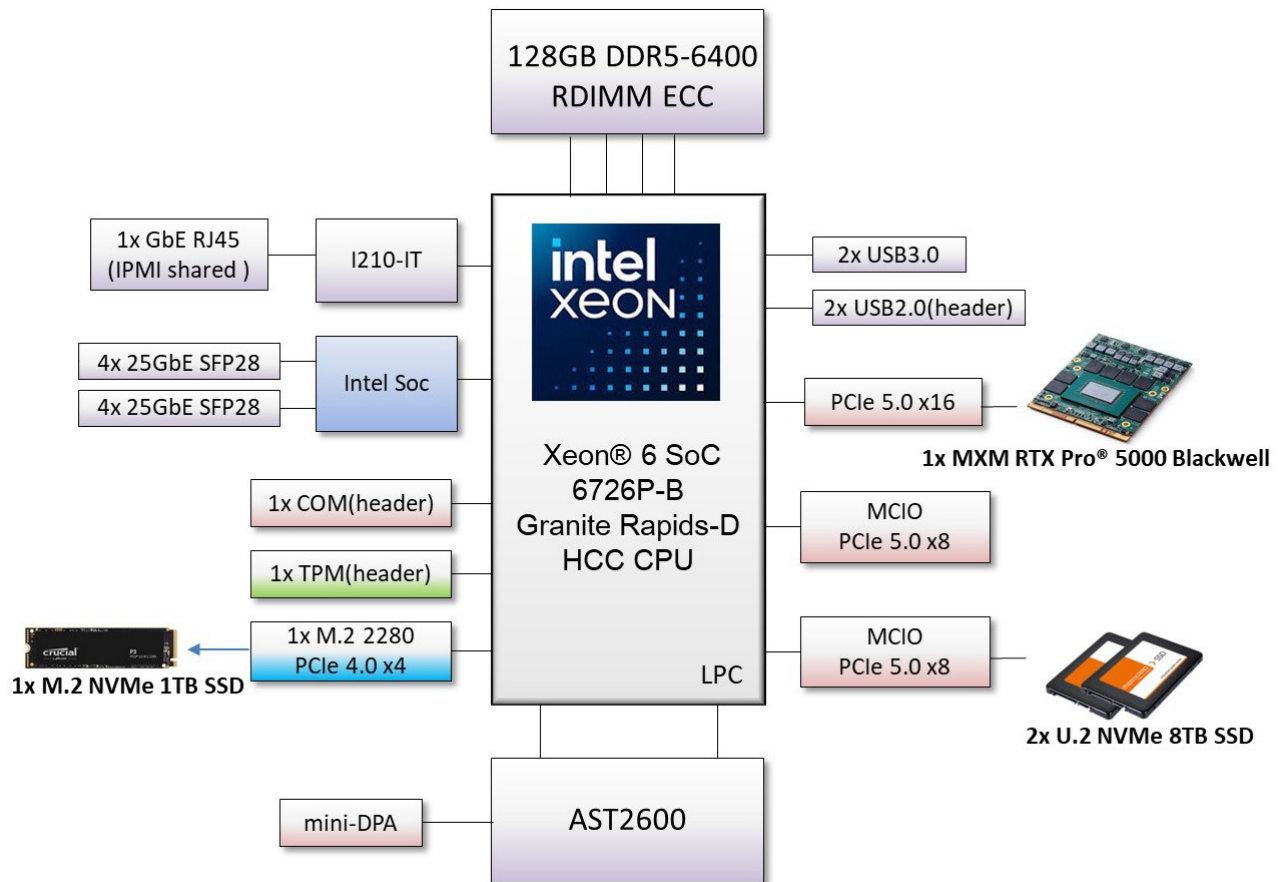
THOR22-H42-X50

MILITARY 2U GPU SERVER



- Intel® Xeon® 6726P-B, 42Cores 2.3/3.5GHz Processor
- DDR5 6400MT/s RDIMM ECC up to 512GB
- 1TB M.2 NVMe SSD / 2 x 8TB U.2 NVMe SSD
- 100~240 VAC 860W Redundancy PSU
- 8 x 25G SFP28 ; 1 x 1G IPMI
- NVIDIA RTX PRO 5000 Blackwell MXM GPU
- Power Input Connector by MIL-DTL-38999 Series
- Operation Temp. : -20 ~ +55 °C
- Vibration: MIL-STD-810G Method 514.7
- Shock : MIL-STD-810G Method 516.7

Block Diagram



SYSTEM SPEC

SYSTEM

CPU	Intel® Xeon® 6726P-B, 42Cores 2.3/3.5GHz Processor TDP 235W
GPU	NVIDIA RTX PRO 5000 Blackwell MXM
Memory type	128GB DDR5 RDIMM ECC up to 6400MHz
Chipset	SoC (Ref. Platform: Supermicro X14SDV-42C-SP9F)

STORAGE

OS	1TB M.2 NVMe SSD
Data	2 x 8TB U.2 NVMe SSD

EXPANSION SLOTS

	NVIDIA RTX PRO 5000 Blackwell MXM GPU
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ETHERNET

8 x 25G SFP28
1 x 1G IPMI (Management)

OS

Windows, Linux Support

POWER

100-264V AC 2 x 860W Redundancy PSU

DIMENSION

430 x 400 x 88 mm (W x D x H); Depth: Maximum 400mm (TBD)

WEIGHT

≤ 12kg

FRONT I/O

IPMI	1 x 1G IPMI
USB	2 x USB 3.0
LAN1-8	8 x 25G SFP28
Display	1 x VGA
LED	1 x HDD LED (Red) 1x Power on LED (Green)
AC-IN	2 x 860W Redundant PSU by DTL-38999 Circular Connector

ENVIRONMENT

Operating Temp.	-20°C to +55°C
Storage Temp.	-40°C to +71°C
Relative Humidity	5% to 95%, non-condensing
RoHS	RoHS Compliant
Vibration	MIL-STD-810G, Method 514.7
Shock	MIL-STD-810G, Method 516.7
Acoustic noise	85 dBA or less at 35 °C (marked TBC in the DPS)

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