



LAND



SEA



AIR

HORUS220

1U Rugged Virtualization Supercomputer v256

Cores (5th Xeon-SP)



- 1U Rugged Virtualization Supercomputer v256 Cores
- 5th Dual Intel® Xeon® Scalable Processor up to 32 Cores , Per Node 64 Cores
- Support Nvidia L4 GPU Card
- 2x USB2.0 ; 1x IPMI ; 1x VGA ; 2x SFP28 25GbE
- 8x Removable M.2 SSD Storages Tray
- 1U Rugged Short Depth lightweight chassis
- Ultra Short Depth 22" (55CM)
- MIL-STD 810 Anti-Vibration, Shock



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Specifications

System

High performance Processor	5th Dual Intel® Xeon® Scalable Xeon® 6538N (32Core/64 Threads , up to 4.10GHz),205W
Memory Type	5th CPU support 16 x 260Pin DDR5 5600MHz RDIMM ECC, up to 1.5TB 5th CPU support 16 x 260Pin DDR5 5600MHz RDIMM-3DS(2CH)ECC, up to 2TB 5th CPU support 16 x 260Pin DDR5 5600MHz RDIMM-3DS(4CH)ECC, up to 4TB
Chipset	Intel® 741
Expansion	PCIe5.0 x 16 Slot OCP NIC3.0 (PCIe5.0 x 16)
GPU	NVIDIA Tesla L4

Display

Chipset	ASPEED AST2600
VGA	1xVGA

Storage

HDD/SDD	1x M.2 2TB and 4 x 16TB U.2 or SAS HDD
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Ethernet

Chipset	Broadcom BCM57414
Type	2x SFP28(25GB)

RAID

RAID	Support RAID 0,1,5,10
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FRONT I/O

HDD LED	1x HDD LED (Red)
SSD	8x Hot Swap M.2 SSD tray
Power On LED	1x Power on LED (Green)

Rear I/O

USB	2x USB2.0
VGA	1xVGA
IPMI	1x IPMI
LAN	2x SFP28 25GbE
PCIe5.0 x 16	1x PCIe5.0x16 expansion slot



OCP3.0	1x OCP3.0 NIC expansion slot
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Power	1x AC-IN 3P C14 connector
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Power Requirement

Power Input	750W AC-IN 110~220V PSU
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OS

OS Support	Windows®10 64-bit, Linux(Support by request)
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Environmental & Physical

Dimension (W x D x H)	480 x 550 x 44 (mm)
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EMC	CE and FCC compliance
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Green Product	RoHS, WEEE compliance
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Operating Temp.	0 to 50°C
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Storage Temp.	-40 to 85°C
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Relative Humidity	5% to 95%, non-condensing.
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Ordering Information

HORUS220

Rugged 1U Shipboard Server with Intel® 5th Dual Intel® Xeon® Scalable Processor up to 32 Cores , 750W 110V to 220V AC-IN , 1xVGA , Operation Temp 0 to 50°C

HORUS220-L4100G

Rugged 1U Shipboard Server with Intel® 5th & 4th Dual Intel® Xeon® Scalable Processor up to 32 Cores , 750W 110V to 220V AC-IN, 1x NVIDIA T4, 2x 100G, 1xVGA, Operation Temp 0 to 50°C

	HORUS220	HORUS220-L4100G
CPU	Intel® 5 th & 4 th Dual Intel® Xeon® Scalable Processor up to 32 Cores	
RAM	5 th CPU-DDR5 5600MHz RDIMM ECC, up to 1.5TB 5 th CPU-DDR5 5600MHz RDIMM-3DS(2CH)ECC, up to 2TB 5 th CPU-DDR5 5600MHz RDIMM-3DS(4CH)ECC, up to 4TB	
GPU	N/A	NVIDIA L4
OCP3.0 NIC	N/A	2x 100G
Expansion	1x PCIe5.0 x16 Slot	
Storage	Up to 16TB NVMe	
I/O	2x RJ45, 6 x USB, 2x DP, 2x 2.5" Swap Tray	
Power	AC-IN 110V~240V	
Operation Temp.	0°C~+50°C	



Appearance

Front I/O



Rear I/O

