



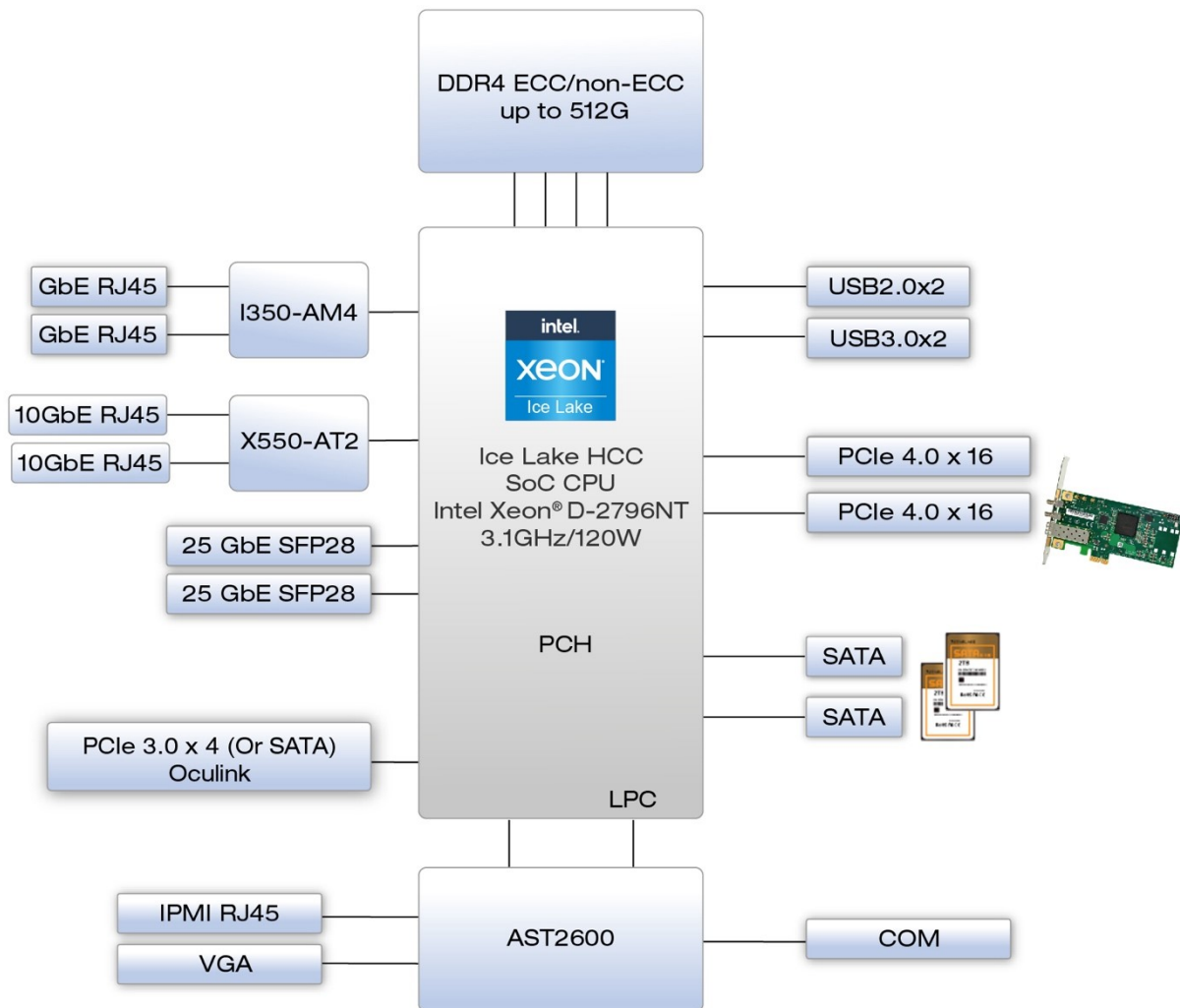
THOR11-027-HSC

MILITARY VIRTUALISATION SUPER COMPUTER SERVER

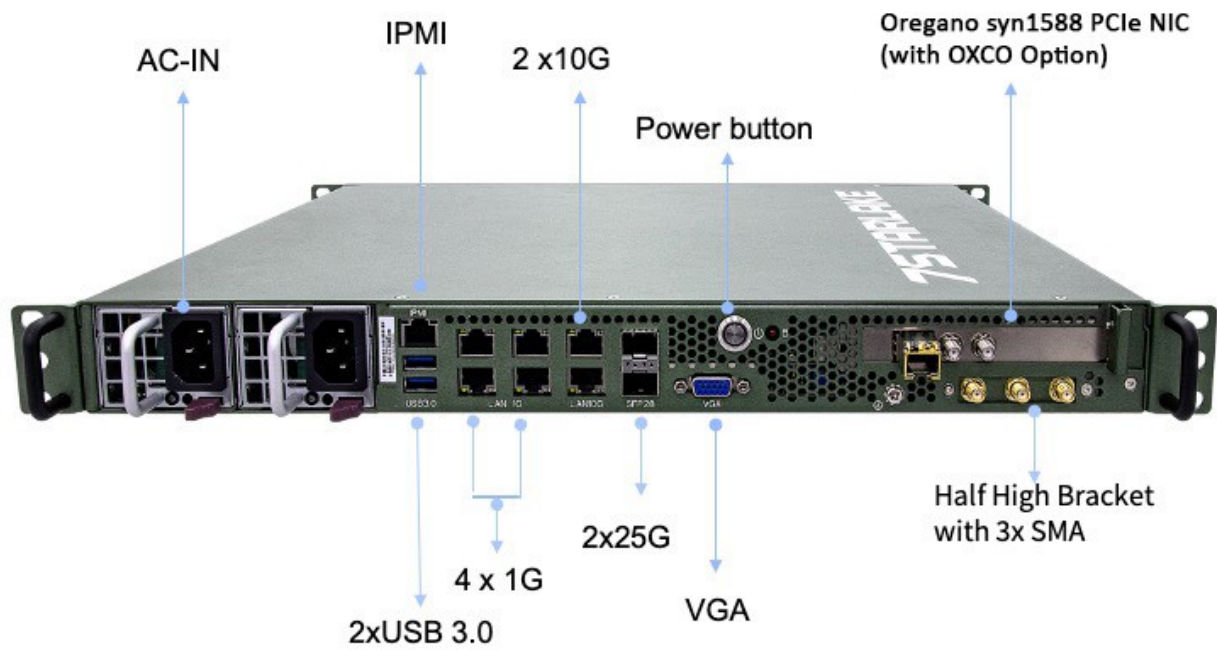


- Intel® Xeon® ICELAKE-D HCC D-2796NT, 20Cores 2.0 GHz Processor
- 128GB RDIMM ECC
- 1TB/8TB SSD Storage
- 100~264 VAC 860W Redundancy PSU
- Dual 25GbE SFP28, Dual 10Gbase-T, Quad 1Gbase-T
- Oregano syn1588 PCIe NIC (with OXCO Option)
- Half High Bracket with 3x SMA
- Operating temp. : -32 ~ +55 °C
- Vibration: MIL-STD-810G Method 514.7
- Shock : MIL-STD-810G Method 516.7

Block Diagram



Appearance



SYSTEM SPEC

SYSTEM

CPU	Intel ICELAKE-D HCC D-2796NT, 20Cores 2.0 GHz Processor up to 120W
Memory type	128GB DDR4 3200MHz RDIMM ECC
Chipset	SoC

STORAGE

SSD	1TB/8TB SATAIII SSD
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EXPANSION SLOTS

PCIe Configuration	Oregon syn1588 PCIe NIC (with OXCO Option)
	Half High Bracket with 3x SMA

ETHERNET

Ethernet	Dual 25GbE SFP28 (SoC)
	Dual 10GBase-T (Intel X550-AT2)
	Quad 1GBase-T (Intel i350-AM4)

RAID

RAID	Support RAID 0,1,5,10
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OS

OS	Windows 10 64bit
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POWER

AC PSU	2 x 110/220V 800W Redundancy PSU
Dimension	19" Rack mounting
	430 x 400 x 44 mm (W x D x H) Under 400mm depth
	Front I/O
	Front Power Input Port
Weight	≤ 12kg

FRONT I/O

IPMI	1x IPMI
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USB	2x USB 3.0
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LAN1, 2	2x 25GbE SFP28
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LAN3, 4	2x 10G Base-T
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LAN5, 6, 7, 8	4x 1G Base-T
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Display	1x VGA
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PCIe Slot	Oregon syn1588 PCIe NIC (with OXCO Option)
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Half High Bracket with 3x SMA

LED	1x HDD LED (Red) 1x Power on LED (Green)
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AC-IN	2x 860W Redundant PSU
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ENVIRONMENT

Operating Temp.	-32°C to 55°C
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Storage Temp.	-40°C to 71°C
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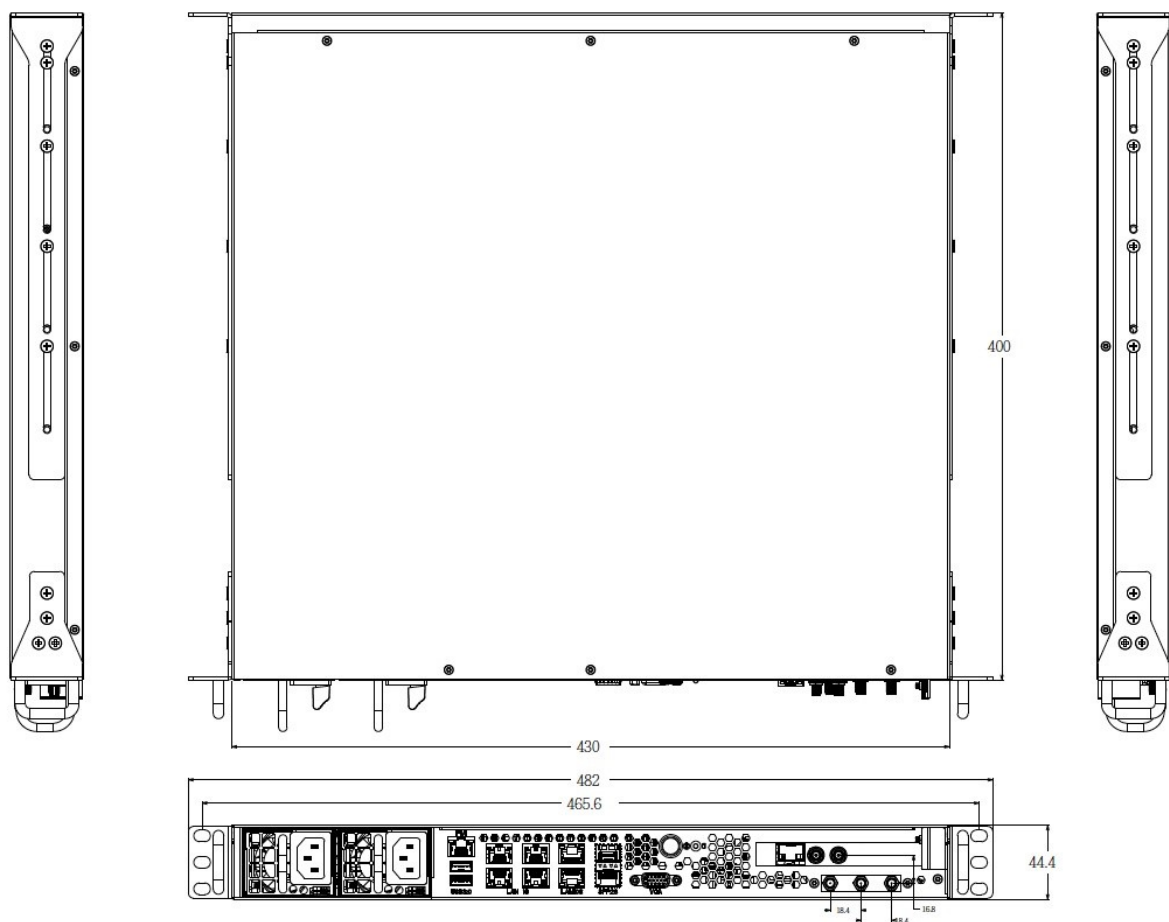
Relative Humidity	5% to 95%, non-condensing
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RoHS	RoHS Compliant
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Vibration	MIL-STD-810G, Method 514.7
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Shock	MIL-STD-810G, Method 516.7
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Dimension



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.