



# THOR11-027-HSC

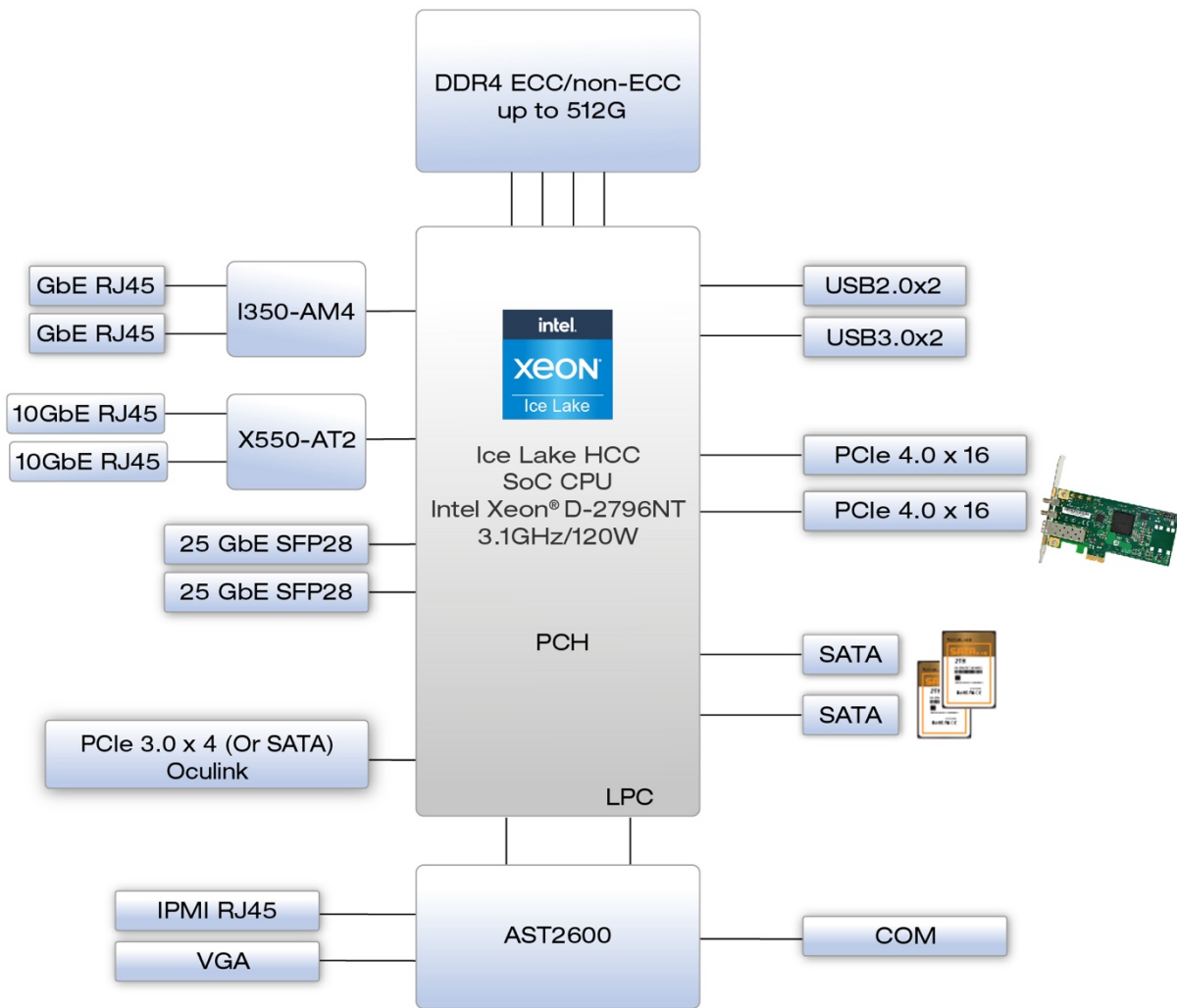
## MILITARY VIRTUALISATION SUPER COMPUTER SERVER



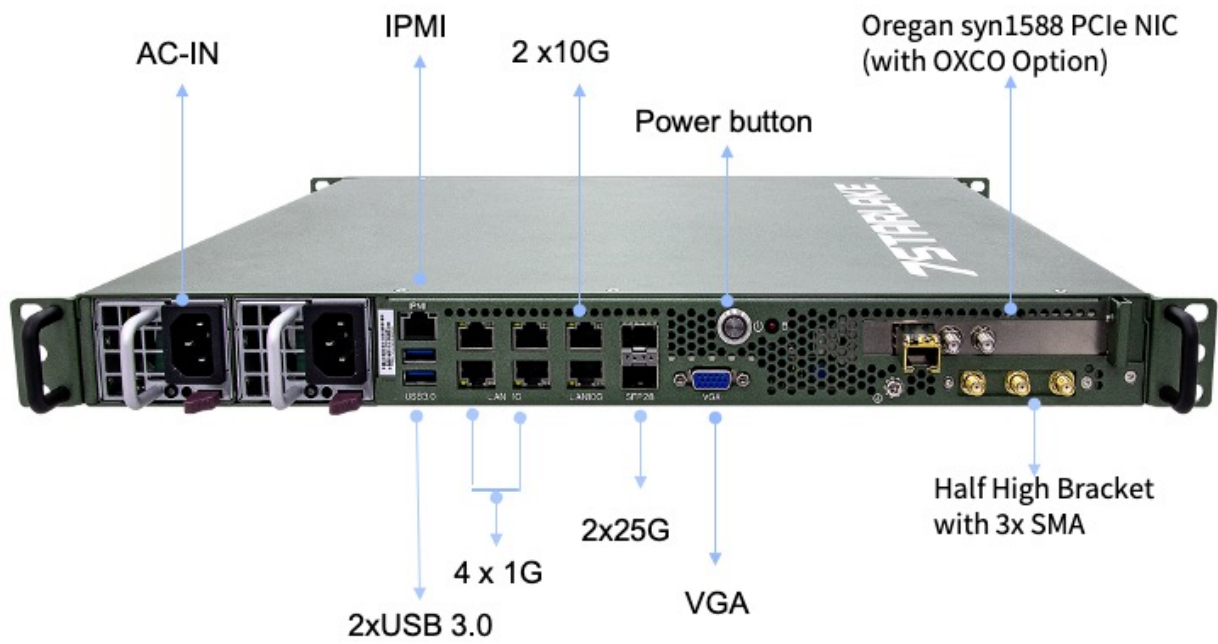
- **Intel® Xeon® ICELAKE-D HCC D-2796NT, 20Cores 2.0 GHz Processor**
- **128GB RDIMM ECC**
- **1TB/8TB SSD Storage**
- **100~264 VAC 860W Redundancy PSU**
- **Dual 25GbE SFP28, Dual 10Gbase-T, Quad 1Gbase-T**
- **Oregon syn1588 PCIe NIC (with OXCO Option)**
- **Half High Bracket with 3x SMA**
- **Operating 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)
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## 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
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Dimension	19" Rack mounting
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430 x 400 x 44 mm (W x D x H) Under 400mm depth

Front I/O

Front Power Input Port

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Weight	≤ 12kg
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#### FRONT I/O

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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) Half High Bracket with 3x SMA
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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

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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

