



HORUS80

**3U MILITARY LIQUID COOLING SERVER – DUAL INTEL
5TH/4TH XEON-SP, DUAL 350W GPU SUPPORT**



- Intel® 4/5th XEON® SP Processor Silver, Gold, Platinum CPUs
- All in One Liquid to Air, liquid cooling server
- Up to 3 selection PCIe 5.0 slot
 - 2x PCIe 5.0 x16 FHFL slot(s) - 350W Double Width GPU
 - 1x PCIe5.0x16 HHHL slot(s)—NIC or RAID Card
- 8x 2.5" Swappable SATA SSD or 6x Swappable Tray U.2
- 2x 10G LAN, 1x IPMI LAN, 2x USB2.0, 1x VGA
- DC18V~36V or 100/240V AC
- MIL-STD-810 Vibration Method 514.6: ◎Acceleration : 5.0 Grms
- MIL-STD-810 Vibration Method 514.6: ◎PSD : 0.01257 g²/Hz
- MIL-STD-810 Shock Method 516.6 : ◎Wave Form: Half Shine Wave
- MIL-STD-810 Shock Method 516.6 : ◎Acceleration: 20G

Specifications

SYSTEM

Processor	5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors, Dual Socket E (LGA-4677)
CPU Core Count	5 th Up to 64C/128T; Up to 320MB Cache 4 th Up to 60C/120T; Up to 112.5MB Cache
Memory type	DDR5 on 5 th -5600MT/s RDIMM ; RDIMM-3DS , Up to 4TB in 8+8 DIMM slot DDR5 on 4 th -4800MT/s RDIMM ; RDIMM-3DS , Up to 4TB in 8+8 DIMM slot
Graphic	PCIe 5.0 x16 dual-width, full-height, full-length (FHFL)
TPM	Chipset: Infineon, Type: TPM 2.0
IPMI	ASPEED AST2600 IPMI 2.0 with iKVM & vMedia support
BIOS	AMI UEFI BIOS
USB	2x USB2.0 ports: rear I/O Type-A
Ethernet	1x RJ45 Dedicated IPMI 2x RJ45(10GbE)
Power Type	18V~36V DC IN or 100/240V AC (option)
Storage	8x 2.5" Swappable SATA SSD or 6x Swappable Tray U.2
COM Port	1x RS232 (option)
CAN Bus	4x Can Bus (option)
Dimension	440mm(W) x 600mm(D)x132mm(H)

FRONT I/O

Power Button	1x
SSD LED indicator	1x
Swappable SSD Tray	8x

REAR I/O

DC-IN	1x
UID Button/LED	1x
IPMI LAN	1x
USB2.0	2x
10G LAN	2x
VGA	1x

THERMAL SOLUTION

All in one ,Liquid cooling in closed-loop evaporative system

ENVIRONMENTAL

MIL-STD-810 Test	Method 500.5, Procedures I and II (Altitude, Operation): 12,192M, (40,000 ft) for the initial cabin altitude (18.8Kpa or 2.73 Psia) Method 500.5, Procedures III and IV (Altitude, Non-Operation): 15,240, (50,000 ft) for the initial cabin altitude (14.9Kpa or 2.16 Psia) Method 501.5, Procedure I (Storage/High Temperature) Method 501.5, Procedure II (Operation/High Temperature) Method 502.5, Procedure I (Storage/Low Temperature) Method 502.5, Procedure II (Operation/Low Temperature) Method 503.5, Procedure I (Temperature shock) Method 507.5, Procedure II (Temperature & Humidity) Method 509.7 Salt Spray (50±5)g/L(Optional for Conformal Coating) Method 514.6, Vibration Category 24/Non-Operating (Category 20 & 24,Vibration) Method 514.6, Vibration Category 20/Operating (Category 20 & 24,Vibration) Method 516.6, Shock-Procedure V Non-Operating (Mechanical Shock) Method 516.6, Shock-Procedure I Operating (Mechanical Shock)
Reliability	Rugged Air Cooling. Designed & Manufactured using ISO 9001 Certified Quality Program.
CE / FCC	Compliance
Storage Temp.	-40°C to +80°C
Relative Humidity	5% to 95%, non-condensing.

Appearance





Dimension

