



LAND



SEA



AIR

# HORUS 4GBA

2U Fanless MXM-GPU Storage Server



- MIL-STD 810 2U Fanless Storage Server
- Intel® 6th Core i7-6700TE
- NVIDIA MXM-GPU Quadro RTX 3000 / GTX1050Ti (Options)
- 4 x DDR4 XR-DIMM up to 64GB
- RocketRAID 840A RAID Card
- 4 x RJ45 LAN, 6 x USB, 1 x RS232 Console
- 12 x 2.5" SATA Bay
- Extended Temperature 5~+50°C
- MIL-STD810H 500.6 Low Pressure Altitude



# Specifications

## SYSTEM

CPU	Intel® Core i7-6700TE Processor
Memory type	4 x DDR4 XR-DIMM up to 64GB
Expansion slot	4 x mPCIe slot (two supported with mSATA) 1 x PCIe x4 slot
RAID Function	RocketRAID 840A RAID Card, support RAID 0,1,5,6,10,50,JBOD
Storage Device	12 x 2.5" (7mm) Easy swap HDD/SSD Tray

## FRONT I/O

USB	2 x USB 2.0
Console	1 x DB9 Console port
2.5" SSD/HDD Tray	12 (7mm height SSD/HDD only)
Power button	1 x System On/Off, 1 x System FAN On/Off
Indicator LED	1 x Power LED / 1 x HDD LED

## REAR I/O

USB	4 x USB 3.0
Gigabit Ethernet	4 x RJ45
Display	1 x DisplayPort 1 x HDM
AC inlet	IEC C14 AC inlet

## MECHANICAL AND ENVIRONMENT

Power Requirement	AC to DC 100-240V 400W
Weight	13.12kg(28.92lbs)
Dimension	430x396x88mm (WxDxH)
Operating Temperature	5 to 50°C
Storage Temperature	-20 to 70°C
Relative Humidity	5% to 95%, non-condensing

## MIL-STD-810 SPECIFICATION (OPERATING)

Reference	Test	Condition
Method 502.5 Procedure 2	Low Temperature	5°C, 4 hours, ±3°C
Method 501.5 Procedure 2	High Temperature	+55°C, 4 hours, ±3°C
Method 507.5	Humidity	85%-95% RH without condensation, 24 hours/ cycle, conduct 10 cycles.
Method 514.6	Vibration	5-500Hz, Vertical 2.20Grms, 40mins x 3axis.
Method 516.6	Shock	6 Grms, 11ms, 3 axes.
Method 500.5 Procedures I and II	Altitude	25°C, 15,000ft
		12,192M, (40,000 ft) for the initial cabin altitude (corresponding pressure in a standard atmosphere: 18.8Kpa or 2.73 Psia).

## MIL-STD-810 SPECIFICATION (NON-OPERATING)

Reference	Test	Condition
Method 502.5	Low Temperature Storage	-33°C, 4 hours, change rate: ≤ 20°C/ Hour -15°C, 72hours (By request)
Method 501.5 Procedure 1	High Temperature Storage	+71°C, 4 hours, change rate: ≤ 20°C/ Hour +63°C, 240 hours (By request)
Method 514.6	Vibration	5-500Hz, Vertical 2.20Grms, 40mins x 3axis.
Method 516.6	Shock	6 Grms, 11ms, 3 axes.
Method 500.5 Procedures III and IV	Altitude	25°C, 15,000ft
		15,240, (50,000 ft) for the initial cabin altitude (corresponding pressure in a standard atmosphere: 14.9Kpa or 2.16 Psia)

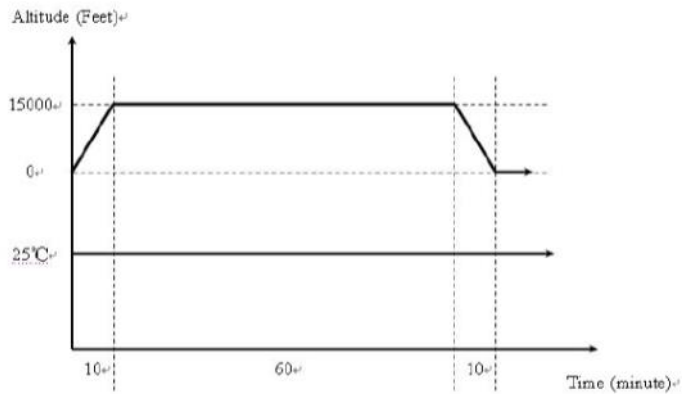
## Test Method/Specification:

Test method: Reference to MIL-STD-810G, Method 500.5, Test Procedure I: Storage, Air Transport

Temperature: 25°C

Altitude: 4.572m (15.000ft) for the cabin altitude

Altitude change rate: 7.6m/s



## Ordering Information

HORUS422A

2U Rugged Fanless Storage Server with Intel Core i7-6700TE, 12 Bays 2.5" SSD/HDD, RAID supported, Operating Temperature 5~+50°C

## Dimension

