



LAND



SEA



AIR

HORUS420-R1

2U 19" RUGGED RACKMOUNT



- Intel® Core™ i7-6700TE Processor
- NVIDIA MXM Graphic Engine support up to GTX1050Ti (4GB-GDDR5, CUDA 768)
- Intel 82599ES 10 GbE
- 4 x SATA3.0 SSD
- Extreme Temperature -20~+60 degree
- MIL-STD 810G Anti-Vibration/Shock



Specifications

SYSTEM

CPU	Intel® Skylake i7-6700TE CPU (4 Cores, 2.4GHz, Up to 3.4GHz)
Chipset	Intel® Q170
GPU	NVIDIA GTX1050Ti
Memory type	32GB DDR4 XR-DIMM
Storage Device	Internal: 2 x 2TB 3D TLC SSD, External: 2 x 2TB 3D TLC SSD
Ethernet Chipset	2 x Intel® 82599ES (10Gbe) 3 x Intel® i210IT & 1 x Intel® i219LM GbE

FRONT I/O

USB	2 x USB 2.0
SSD Tray	2 x external SSD 2TB 3D TLC
Power button/ Power LED	1
HDD LED	1

REAR I/O

USB	4 x USB 3.0
10 Gigabit Ethernet	2 x SFP
1 Gigabit Ethernet	4 x RJ45
Display	4 x Display Port and 1 x HDMI from CPU Display Port from MXM Graphic card up to 6

MECHANICAL AND ENVIRONMENT

Power Requirement	2 x 200W AC-DC PSU with redundant support 90V to 260V AC input
Dimension	430 x 380 x 88 mm
Weight	9.7 kg (21.8 lbs)
Operating Temperature	-40°C to 60°C (ambient with air flow)
Storage Temperature	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing

MIL-STD-810 Specifications (Operating)

Method 502.5 Procedure 2	Low Temperature	-20°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.

MIL-STD-810 Specifications (None-Operating)

Method 502.5	Low Temperature	-33°C, 4 hours, change rate:≤20°C/ Hour
	Storage	-15°C, 72hours (By request)
Method 501.5	High Temperature	+71°C, 4 hours, change rate:≤20°C/ Hour
Procedure 1	Storage	+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.
EMC	CE,FCC compliace	
Green Product	RoHS,WEEE compliance	

Ordering Information

HORUS420-R1

2U 19" Rugged Rackmount

with Intel® 6th gen Core i7-6700TE, NVIDIA GTX1050Ti

Operating Temperature -20~+60°C

Dimension

