



LAND



SEA



AIR

HORUS430

GPGPU STORAGE SERVER



- Intel® 10th Gen. Core i9-10900TE
- NVIDIA MXM Graphic Card support up to RTX 2060, QUADRO P3000, P5000
- 2 x LAN Ports ; 6 x COM Ports
- Redundant PSU 100V~240V AC
- 3x 2.5" Easy Swap SSD with RAID
- MIL-461/1275 18V~36V DC Input



Specifications

SYSTEM

CPU	Intel® 10th Gen. Core i9-10900TE
Memory type	2 x DDR4 up to 64GB
Storage Device	3 x 2.5" Easy swap HDD/SSD Tray

FRONT I/O

Power Input	12V DC-IN
LAN	4 x RJ45 LAN
USB	4 x USB 3.0
Display	2 x DP

REAR I/O

Power Button	1 with backlight
Indicator	1 HDD backlight
USB	2 x USB 2.0

OPTIONAL

Serial Ports	6 x COM ports (Up to 8 COM ports Module)
STORAGE	SATA RAID
DC Input	24V/48V DC Input for Optional
GPU Module	RTX 2060, QUADRO P3000, P5000
Dual 10GbE Module	INTEL X710 Dual 10GbE
Redundant Power	100V-240V AC Redundant Power Supply

OS SUPPORT LIST

Windows	Windows 8.1 x32/ x64 、 Windows 10 x32/ x64
Linux	Fedora 15, Ubuntu, Red Hat

MECHANICAL

Power Requirement	Wide Range 90~260V AC-in
Dimension	450 x 483 x 88 mm (W x D x H)
Operating Temp.	-20 to +55°C
Storage Temp.	-40°C to 85°C
Relative Humidity	5% to 95%, non-condensing

System Design	Fanless		
Mounting	2U Rackmount		
ENVIRONMENT			
MIL-STD-810F Test	Operating Tests		
	Low Temperature	Method 502.4 Procedure 2	-20°C (Cold Boot) -40°C (Continue Operating)
	High Temperature	Method 501.4 Procedure 2	+55°C
	Humidity	Method 507.4	5 x 48 hour cycles
	Vibration	Method 514.5 Category 4	10—500Hz 1.04Grms
	Shock	Method 516.5	40G 11mSec TPS 3 axis
	Altitude	Method 500.5 Procedure 2	-1,000m to +12,000m
	Non-Operating Tests		
	Shock	Method 516.5	40G 11ms TPS 3 axis
	Low Temperature Storage	Method 501.4	-40°C
	High Temperature Storage	Method 502.4 Procedure 1	+75°C
	Vibration	Method 514.5 Category 24 fig 514.5C-17	20 to 1000Hz @ 0.02g ² /Hz falling @ -6dB to 2000Hz
	Altitude	Method 500.5 Procedure 2	-1,000m to +12,000m
EMC	CE, FCC compliant		
Green Product	RoHS, WEEE compliance		

Ordering Information

OPTIONAL ITEMS

Redundant PSU	(1) Redundant PSU AC-DC 100V-240V
	(2) Redundant PSU DC-DC 16-31V
	(3) Redundant PSU DC-DC 33-62V
	(4) Redundant PSU DC-DC 67-143V
RAID CARD	(5) SATA RAID, 12 Port 6Gb/s
	(6) SAS RAID, 8 Port 12Gb/s