

RUGGED 2U RELIABLE SERVER

Rugged 2U Rackmountable Ultra Fast 14th Generation Server
Intel newest 14th Generation i9-14900K or i9-14900T 24-Core,
32-Thread 4.4~6.0 GHz, 2TB M.2 2280 NVMe Ultra Fast SSD,
2x 2.5" Hot-Swap Disk bays, RAID 0,1,5,10, 4x USB3.2,
2x Fast LAN, 1x VGA, 2x HDMI, 1x DP, 1x RS232/422/485,
AC100~240V Power Input



Model: Nmil-RM2U-i9-4

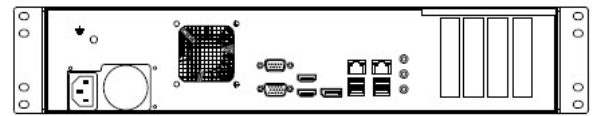
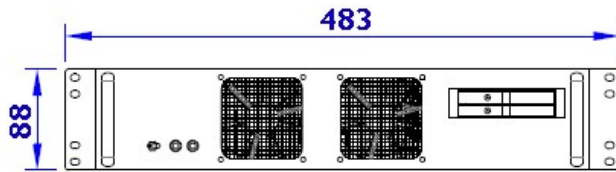
SPECIFICATIONS:

Mechanical	Height	2U Rugged Rack Mount
	Material	Rugged heavy-duty galvanized steel with anti-corrosion treatment
	Color	Semi-gloss black, RAL-9005
	Cooling Method	Cooling fans blow in from front and blow out at rear
System	Main Board Grade	Military grade main board
	Processor	Intel newest 14th Generation i9-14900K or i9-14900T 24-Core, 32-Thread 4.4~6.0 GHz super fast processor
	Smart Cache	36MB
	GPU	there is no GPU on i9-14900K
GPU	GPU Engine	there is an Intel UHD-770 high-end GPU integrated on i9-14900T that supports
	DirectX	12.0
	Video share memory	64GB
	Open CL	3.0
RAM	Open GL	4.5
	RAM	64GB DDR5 4800MHz fast DIMM RAM,
	RAM Expansion	expandable up to 128GB
	RAM Type	DIMM
Storage	SSD	2TB M.2 2280 NVMe SSD Samsung 990 Pro or Micron Crucial for same ultra fast performance
	SSD Type	M.2 2280 NVMe 2.5" SATA-III
	2.5" Disk Bay	2 x 2.5" Disk Bays
	Option	Up to 6 x 2.5" SSD Bays, each bay with a keylock
Expansion Slot	PCIe x16 Slot	2 x PCIe Gen.4 x16 Slots
	PCIe x4 Slot	1 x PCIe Gen.3 x4 slot
	PCIe x1 Slot	1 x PCIe Gen.3 x1 slot
RAID Support	RAID Support	RAID 0, 1, 5, 10
I/O Port	USB	4 x USB3.2 ultra fast ports
	LAN	1 x 2.5Gb + 1 x 1.0Gb Ethernet
	VGA	1 x VGA support up to 1920 x 1200
	HDMI	2 x HDMI support up to 4096 x 2160 4K
	DP	1 x DP support up to 4096 x 2160 4K
	COM	1 x RS232/422/485 serial (default RS232) port
	Audio	1 x Mic-in, 1 x Speaker-out, 1 x Audio-in
Power Supply	AC	1 x AC
	AC Power Input	AC100~240V, 50/60Hz auto-sensing
	Power Consumption	Around 120W (i9-14900T) Around 270+W (i9-14900K)
Dimension	W x H x D	483 (W) x 88 (H) x 360 (D) mm
Environmental	Operating Temperature	-5 to +55 degree C
	Storage Temperature	-25 to +85 degree C
	Humidity	0 ~ 90% relative humidity at +30 degree C, non-condensing
	RoHS	Compliant
	Shock	MIL-STD-810 compliant
	Vibration	MIL-STD-810 compliant
EMC / EMI	CE	Approval
	FCC	Approval
	MIL-STD-461	Optional

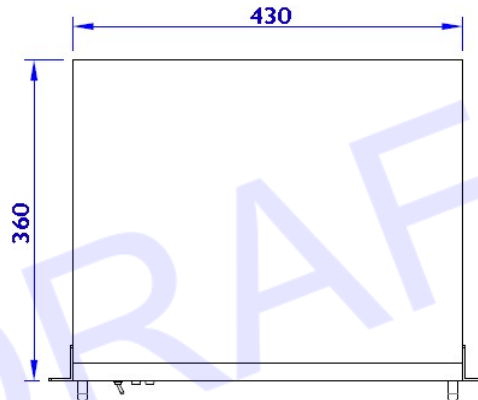
**Specifications subject to change without notice, not responsible for typographical errors.*

MECHANICAL DRAWINGS:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



Rear View

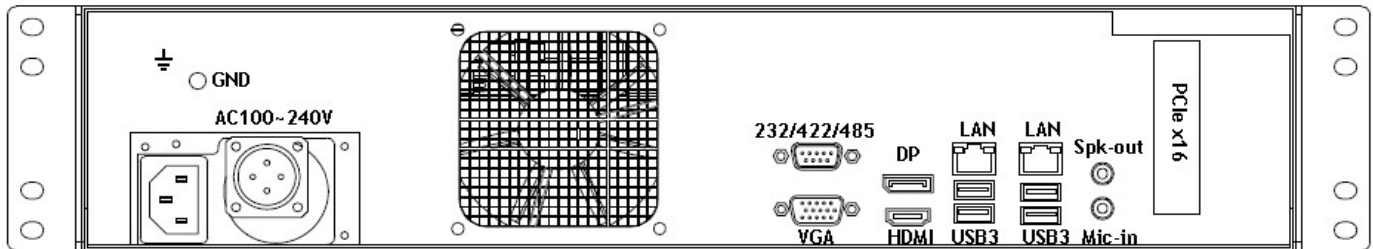


Side View 1



Side View 2

I/O at Front Side



I/O at Rear Side

Drawing No.: Nmil-RM2U-i9-4-10222025-V1