Rugged Compact 2U 19" Rackmount Server

Shock / Vibration-Resistant Design



- Intel 14th Gen i9-14900T
- 24-Core / 32-Thread
- Intel UHD 770 Graphics
- 64GB DDR4-3200 SODIMM
- 2TB M.2 NVMe SSD
- NVIDIA L4 24GB GDDR6
- No Operating System
- 2 x Gigabit Ethernet
- MIL-DTL-38999 Connector
- 2 x USB 3.0 Lockable Military Connectors

LAN via 22-pin D38999 with D38999-to-RJ45 cable, mating connector and dust cap included.

MODEL: Nmil-RM2U-i9-4T-L4

FEATURES:

- Intel 14th Gen Core i9-14900T Processor (24-Core / 32-Thread)
- Intel UHD 770 Graphics
- 64GB DDR5-5200/5600 SODIMM Memory
- NVIDIA Tesla L4 24GB GPU
- 2 × 2.5" Hot-Swappable SATA SSD Bays (1 × 2TB SSD Included)
- 2 × Gigabit Ethernet via MIL-DTL-38999 Connector
- 2 × Lockable USB 3.0 Military Connectors
- 1 × HDMI via Military Circular Connector
- DC 9–36V Power Input via M12 Military Connector
- AC-to-DC Power Adapter Included
- Operating Temperature: 0°C to +55°C
- Shock and Vibration-Resistant Design
- No Operating System Included

Note: No CPU AI Boost, NPU, or integrated deep-learning engine

SPECIFICATIONS:

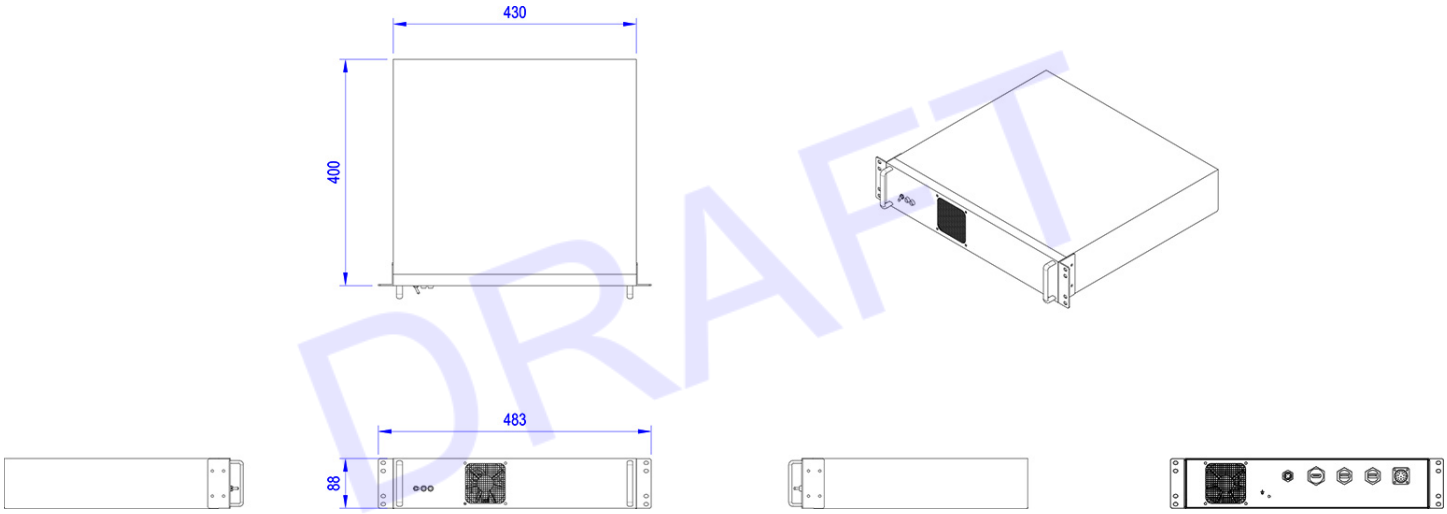
Mechanical	Width	483 mm
	Height	2U
	Chassis Material	Rugged galvanized steel with anti-corrosion treatment
	Color	Semi-gloss black, RAL-9005
	Dimensions	483 (W) x 88 (H) x 400 (D) mm
PC System	Main Board Grade	Military grade server main board
	Processor	Intel Core 14th Gen i9-14900T, 24-core, 32-thread, 5.5GHz high performance processor
	Cache size	36 MB smart cache
RAM & SSD	RAM	64GB DDR5 5200/5600 MHz SO-DIMM RAM
	Storage	1x 2TB SSD installed with two Front total hot-swappable bays
Graphics	GPU	Intel UHD 770
	DirectX	12
	OpenGL	12 4.5
	OpenCL	3.0
NVidia L4 GPU	Discrete AI GPU	NVIDIA Tesla L4 24G GDDR6 AI GPU Data Center
	AI & GPU Acceleration	Yes, from NVidia Tesla L4 AI GPU card
	AI Inference, GPU Accelerator	Yes, from NVidia Tesla L4 AI GPU card
	Edge, Cloud Accelerator	Yes, from NVdia Tesla L4 AI GPU card
I/O Port at Rear	LAN	1 x 22-pin MIL-D-38999 military circular connector consisting of 2 x RJ45 Ethernets port
	USB 3.0	2 x USB3.0 with 2 individual Military lockable circular connector, dust cap
	HDMI	1 x HDMI with military circular connector
	Power connector	1 x DC with M12 Military circular connector
I/O at Front	SSD Bays	2 x 2.5" SATA SSD bays hot-swappable
Power Supply	Power Input	DC9 ~36V wide input
	Power Supply Grade	Military grade high quality DC power supply
	Power Consumption	Around 100 Watts in total
	Power Capacity	200W military grade high quality power
Environmental	Operating Temperature	0 ~ +55°C
	Storage Temperature	-30 to + 85 degree C
	Humidity	5 ~ 95% relative humidity at +30 deg. C, non-condensing
	Vibration	MIL-STD-810G compliant
	Shock	MIL-STD-810G compliant
EMI / EMC	CE	Approval
	FCC	Approval

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

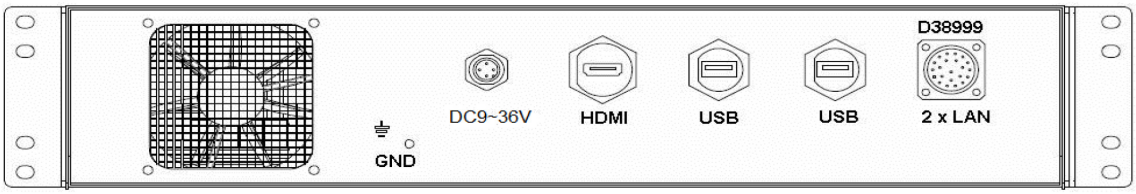
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MECHANICAL DRAWINGS:

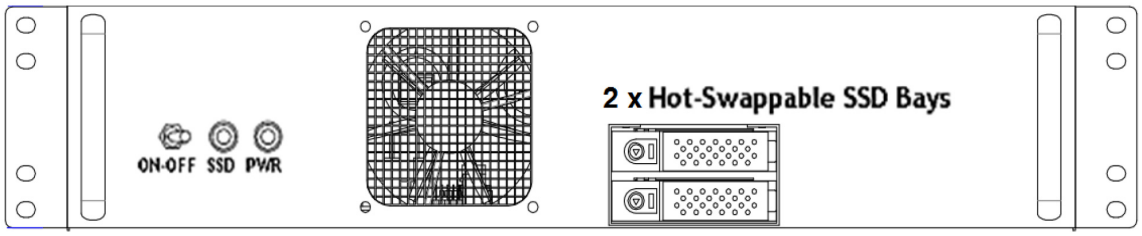
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



DRAFT



REAR INPUT/OUPUT



FRONT INPUT/OUPUT

Drawing No.: Nmil-RM2U-i9-4T-L4-11052026-V1