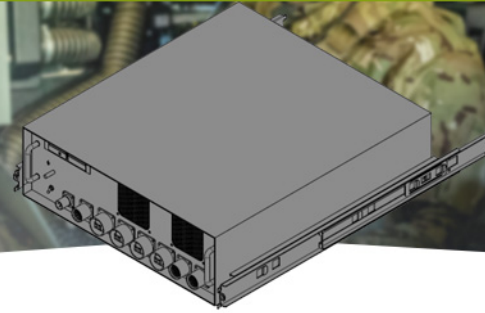


RUGGED 3U SERVER FORM FACTOR PC

Rugged 3U Server, Dual Xeon 6320 20-Core ~3.9GHz Processor, 128GB DDR4 RAM, 1x 512GB SSD, 1x 1TB SSD. 4x 25G SFP+ Optic Fiber LAN, 4x 1Gb LAN, 1x VGA, 1x IPMI, 3x USB3.0, AC100~240V Power Input

+4x Optic Fiber SFP+ Ethernet with MIL-D-38999 Military Circular Connectors are pulled out to the Front Side.

Model: Nmil-RM3U-X6



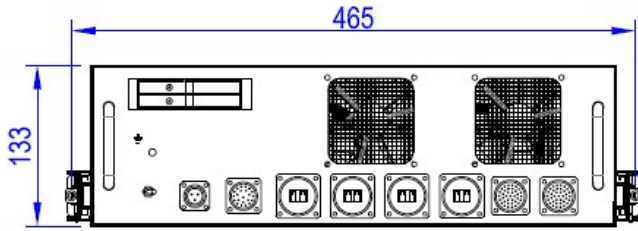
SPECIFICATIONS:

Mechanical	Chassis	19" Rack Mountable Server
	Height	3U height
	Material	64430 Mil. Aluminum Alloy with anti-corrosion treatment
	Finish	Anti-corrosion treatment
	Fasteners	AISI-304 Stainless steel fasteners
	Cooling Method	Efficient Air cooling fans
PC System	M/B Grade	Military grade server main board
	System Chipset	Intel latest C621 chipset
	Processor	Dual Xeon 6320 20-Core, up to 3.9GHz high-end processor
	Core/Thread	20 Cores / 40 Threads
	Cache	28MB L3 smart cache memory
Graphics Engine	Graphics Engine	ASPEED latest engine
	DirectX	12.1
	Open GL	4.5
	Open CL	3.0
Memory	RAM	128GB DDR4 3200MHz SDRAM
	RAM Type	SD-RAM type
	Expandable	256GB
Storage SSD	SSD – O.S.	1 x 512GB PCIe NVMe SSD
	SSD - Storage	1TB 2.5" SSD
	No. of Disk Bay	2 x 2.5" Hot swappable SSD bays, each bay with a key lock
	RAID	Support RAID 0, 1, 5, 10 level RAID
I/O Port at Front	10G SFP+ Ethernet	4 x 20G SFP+ Optic Fiber Ethernet with MIL-D-38999 Mil. Circular Connector
	1G Ethernet	4 x 1G RJ45 Ethernet ports with MIL-D-38999 Mil. Circular connector
	USB 3.0 + IPMI	3 x USB3.0 + 1 x IPMI with MIL-D-38999 Mil. Circular connector
	VGA	1 x VGA with MIL-D-38999 Mil. Circular connector
Power Supply	Power Input	AC 100~240V, 50~60 Hz
	Power Consumption	Around 300 W
Dimension	Exclude Slides (W x H x D)	483 (W) x 133 (H) x 487 (D) mm
	Slides Type	Mounting rails compatible with double-lock mechanism
	Depth	Aproximate 600 ~650 mm
Weight	Weight	Around 13~15 Kgs
O.S. Support	RHEL	Red Hat Enterprise Linux 8.0 or newer
	Preloaded	RHEL 8.x (64 bit) or higher versions
	Windows	Support Windows 10, 10 Pro, 11, Windows Server
Environmental	Vibration	Compliant
	High Temperature	Operating : +55 deg. +/- 3 deg. C Storage : +70 deg. +/- 3 deg. C
	Damp Heat	Compliant
	Low Temperature	Operating : 0 deg. +/- 3 deg. C Storage : -20 deg. +/- 3 deg. C
	Drip Proof	Compliant
	Tropical Exposure	Compliant
	Corrosion (Salt)	Compliant
	Note : Test Cost	Test cost is required if you need test certificate

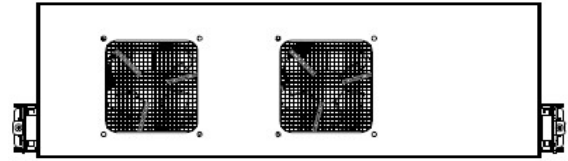
**Specifications subject to change without notice, not responsible for typographical errors.*

MECHANICAL DRAWINGS:

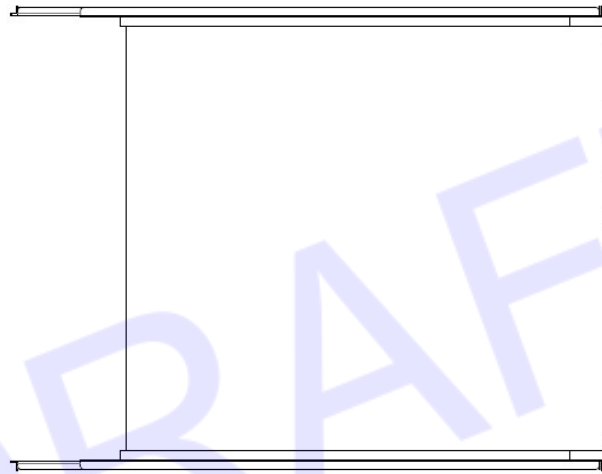
This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.



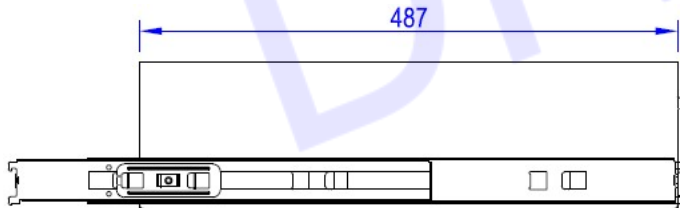
Front View



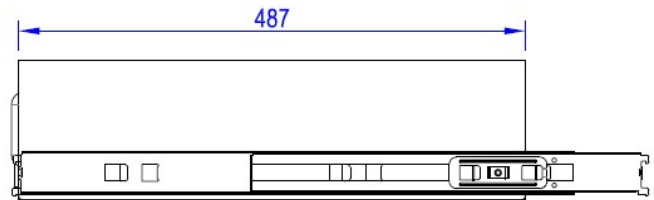
Rear View



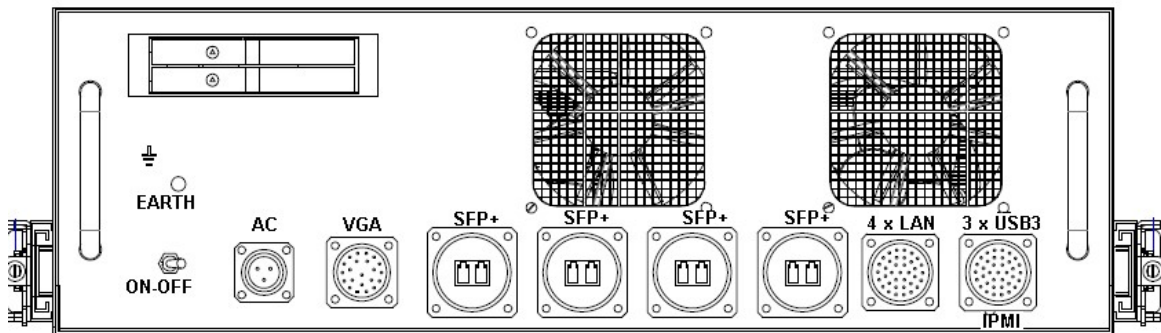
Top View



Side View 1



Side View 2



I/O Ports At Front

Drawing No.: Nmil-RM3U-X6-05022024-V1