

RUGGED NAS SERVER

DEDICATED FOR WIDE RANGE MILITARY APPLICATIONS



This Rugged NAS Server is purpose-built to deliver secure, reliable, and high-performance data storage and sharing in the most demanding military environments.

KEY FEATURES

- Ruggedized design for harsh environments
- High-capacity, secure network storage
- Multi-user access & file sharing
- RAID 0/1 data protection
- Supports various network protocols
- Silent operation with efficient cooling
- Designed and tested to military standards



 SECURE DATA STORAGE	 RELIABLE PERFORMANCE	 EXTREME TEMPERATURE	 SHOCK & VIBRATION RESISTANT	 MILITARY COMPLIANT
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**BUILT TO PERFORM. ENGINEERED TO ENDURE.
TRUSTED IN MISSION-CRITICAL ENVIRONMENTS.**

IDEAL FOR:
TACTICAL OPERATIONS
COMMAND & CONTROL
FIELD DEPLOYMENTS
MOBILE COMMUNICATIONS
AND MORE

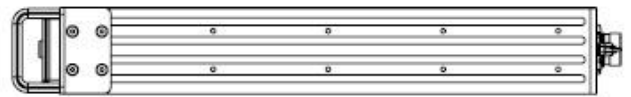
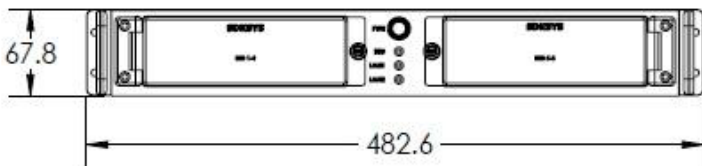
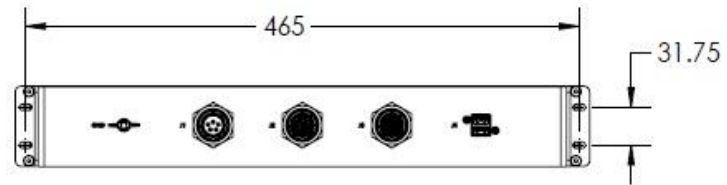
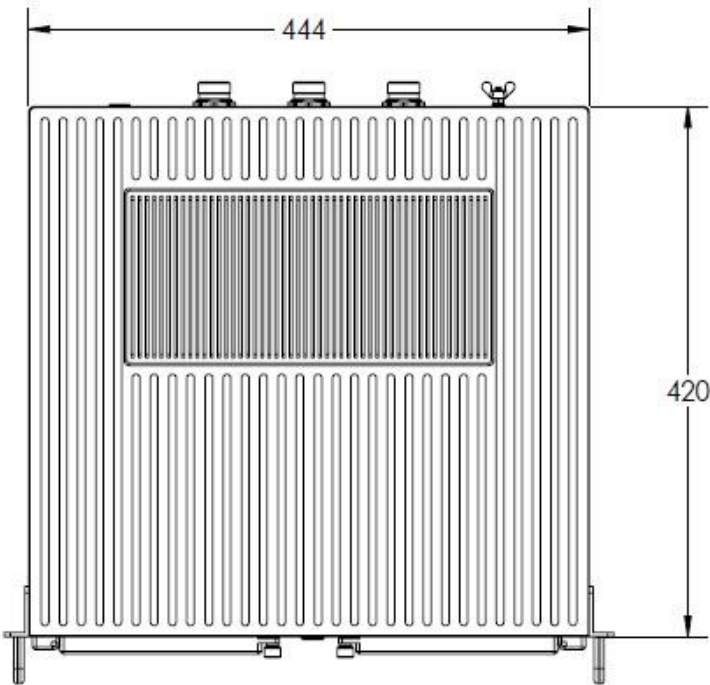
- **CPU:** Intel® Core™ Ultra 7 Processor 255H
- **Memory:** Dual Channel DDR5 5600 MHz
- **Storage:** 2x 2.5" Hot Swap removable SSD support
- **Intel® VMD RAID 0/1 support**
- **Ethernet:** 1 x 1GbE LAN, 1x 2.5 GbE Lan ports
- **USB:** 2x USB2.0, 2 x USB3.0
- **Serial :** 2x RS-232/422/485 (Optional)
- **MIL-STD-810H Compliant**
- **EMC :** MIL-STD-461G
- **MIL-DTL-38999 Type Connectors**
- **Aluminum 6061-T651 material**
- **Fanless design resistant to salt and dust (per MIL-STD-810H)**
- **Shock &Vibration resistant**
- **Ingress Protection –IP65**
- **Transient protection per MIL-STD-1275 /MIL-STD-704**

					
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SYSTEM SPECIFICATION

Chassis	1.5U Rackmount
CPU	Intel® Core™ Ultra 7 Processor 255H, 16x Cores, 24M Cache, up to 5.10 GHz
Chipsets	System on Chip
Memory	Dual Channel DDR5 5600 MHz up to 96GB support
Storage	1x Internal 256GB NVMe SSD for OS + 2x 2.5" Hot Swap removable SSD (Up to 8TB)
Raid	Intel® VMD RAID 0/1 support
Graphic	Intel® Arc™ 140T graphics
OS support	Windows / Linux / TrueNAS
Display	1 x HDMI
Serial	2x RS-232/422/485 (Optional)
Dual LAN Interface	LAN-1: 10/100/1000 Mbps; LAN2: 10/100/1000/2500 Mbps
M.2 Interface	1x M.2 NVMe SSD for OS up to 1TB capacity support
I/O Ports	1x HDMI , 2x LAN, 2x USB 2.0, 2x USB3.0 ,1x DC Power input
Power	DC 18-36V input
Dimension/ Weight	482.6mm x 67.8mm x 420mm (W x H x D) ; 7kg
Temperature	Operating Temperature -20 ~70°C Storage Temperature -40 ~ 85°C
Salt Fog	MIL-STD-810H, Method 509.5
Humidity	RH 95% per MIL-STD-810H Method 507.5
Shock	20G per MIL-STD 810H Method 516.6
Vibration	MIL-STD-167-1 Shipboard ; MIL-STD-810G Method 514.6
EMI/EMC	MIL-STD-461G (CE102,CS101,CS114,CS115,CS116,RE102, RS103,CS118)

DRAWING



*** Mechanical dimensions, connectors type and layout for reference only, it can change depend of requested configuration and interfaces.