



TIBURON 2U-NAS

COMPACT 2U, ULTRA HIGH-DENSITY, AMD® EPYC,
24" DEEP, RACKMOUNT NAS SERVER

PROCESSOR

- AMD® EPYC 9005 CPU
- SP5 socket

MEMORY

- (24) DIMM slots
- DDR5 ECC memory
- RDIMM up to 5200 MT/s
- Up to 6TB total memory

NETWORK

- (2) 100G LAN ports
- (2) 10GBase-T LAN ports
- (1) 1000Base-T dedicated IPMI port
- Integrated AST2600 BMC w/ IPMI 2.0 & Redfish support

PRODUCT DESCRIPTION

The Jensen Beach Technologies Tiburon 2U-NAS is a compact, modular 2U rugged rackmount server designed for high-performance network storage in space-constrained environments. The platform supports AMD® EPYC processors and provides extensive I/O, high volume storage, and expansion flexibility for mission-critical and industrial applications.

With a chassis depth of approximately 24 inches, the Tiburon 2U-NAS is well suited for deployment in vehicles, shelters, aircraft racks, and other installations where standard depth servers are common at a fraction of the weight. All Systems are designed and assembled in the United States and can be configured to meet specific program and environmental requirements.

ADDITIONAL SPECIFICATIONS

PCIe Expansion

- (2) PCIe Gen5 x16 expansion slots

Removable Storage

- (16) U.2 SSDs, PCIe Gen5 x4
- Optional U.2 SSD, PCIe Gen5 x4

Video Output

- (1) VGA

USB

- (2) USB 3.0 (Front)
- (2) USB 3.2 Gen1 (Rear)

Internal Storage

- (2) M.2 slots with PCIe Gen5 x2
- Supports NGFF-22110/2280 Cards

Power Supplies

- Dual 120/240 VAC CRPS

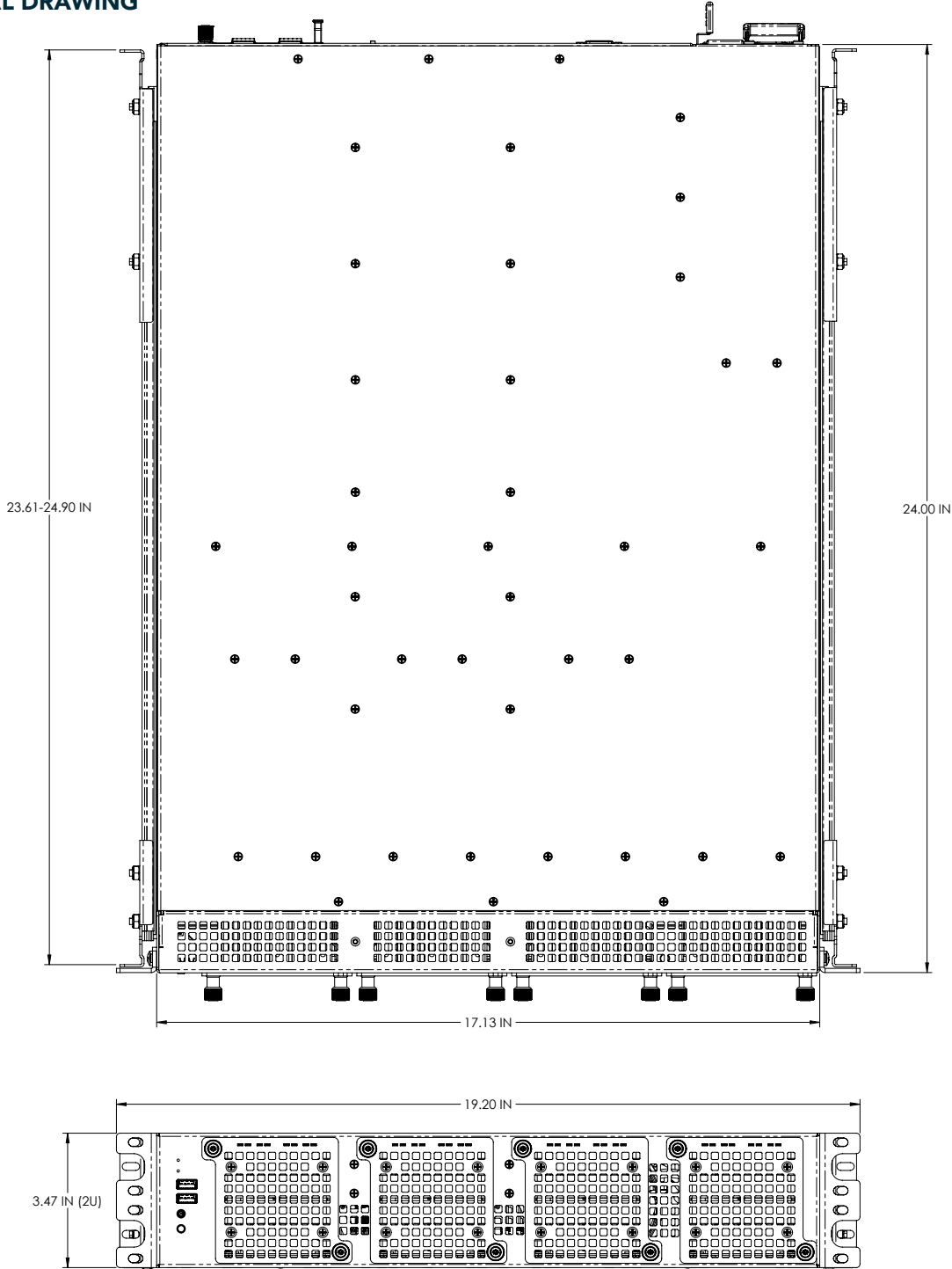
Security Features

- Optional TPM 2.0

Verified Compatible OS

- RHEL 6.8
- RHEL 7
- Windows Server 2022
- CentOS 7

DIMENSIONAL DRAWING



RUGGEDIZATION LEVEL 1 – INDUSTRIAL

- Operating Temp: 0°C to +55°C
- Storage Temp: -50°C to +100°C
- Vibration: 0.002 g/Hz (10–2000 Hz random), 2 g sinusoidal (5–500 Hz)
- Shock: 20 g peak sawtooth, 11 ms
- Humidity: Up to 95% RH

RUGGEDIZATION LEVEL 2 – EXTENDED

- Operating Temp: -20°C to +65°C
- Storage Temp: -50°C to +100°C
- Vibration: 0.002 g/Hz (10–2000 Hz random), 2 g sinusoidal (5–500 Hz)
- Shock: 20 g peak sawtooth, 11 ms
- Humidity: Up to 95% RH with varying temperature, 10 cycles, 240 hours

RUGGEDIZATION LEVEL 3 – RUGGED

- Operating Temp: -40°C to +75°C
- Storage Temp: -50°C to +100°C
- Vibration: 0.04 g/Hz (20–2000 Hz with a flat response to 1000 Hz), 6dB/octave roll-off from 100 to 2000Hz
- Shock: 40 g peak sawtooth, 11 ms
- Humidity: Up to 95% RH with varying temperature, 10 cycles, 240 hours