iNAS 330

Main Features

- 2 Gigabit Ethernet ports for data/power redundancy with PoE+
- Data protection in harsh environments
- Fully compliant with EN50155 (railway applications), EN61373 (vibrations & shocks)
- Wide temperature range support, -40°C~70°C
- IP rating: IP 54 (NEMA)
- Max capacity: Up to 3T

Product Overview

The iNAS 330 is extremely rugged-design network-attached storage (NAS), which was designed to provide high performance, reliability and capacity data storage in harsh environments. Equipped with a unique storage technology, it is able to record the accurate data in harsh environments, such as Oil & Gas, Transportation, and Industrial automation…and so on.

Furthermore, it offers various data backup options. Remote replication supports data backup from target unit to another remote unit, FTP servers and file-level synchronization. By integrated with Rsync protocol, it's able to keep critical data always consistent. Also, it supports SMB/CIFS,NFS, and AFP protocols for file sharing among cross-platforms such as Windows, Mac and Linux/UNIX.

The iNAS 330 supports Power over Ethernet (PoE/PoE+) and following the specifications in IEEE 802.3af/ IEEE 802.3at. It's has dual PoE+ interfaces which could support power redundancy. In addition, iNAS 330 could be used on video recording system widely which supports RAID 5 function and also offers the data protection. The iNAS 330 was built with a fanless, thermally efficient, dust- and water-protected IP 54-rated chassis. It's sealed enclosure eliminates internal fans as a point of critical system failure, protecting the internals.

Specifications

Hardware Features
- Computer
  - Processor: Dual Cortex-A9 CPU
  - Storage: Up to 3 x 2.5" HDD/SSD
  - On board SSD storage
    Storage buffer available for anytime status

Ethernet
- 2 x Gigabit LAN ports for data redundancy (M12)
- 1 x Gigabit LAN port for management (M12)

Button
- Reset button: Reset to factory default
  (Pressing and holding the button for 5 seconds will reset to factory default)

LEDs
- Power LED: power On/Off
- System LED: system status
- PoE/Temp LED: PoE/Temp status
- HDD LED: HDD1, HDD2,HDD3 (read/write/fail)
- LAN LED: 10/100/1000M x3 (link/activity)

Power Requirements
- Input: PoE (IEEE 802.3af),or PoE+(IEEE 802.3at)
- Power redundancy

HS Control
- Smart heating system

Physical Characteristics
- Fanless
- Housing: metal, IP 54 protection
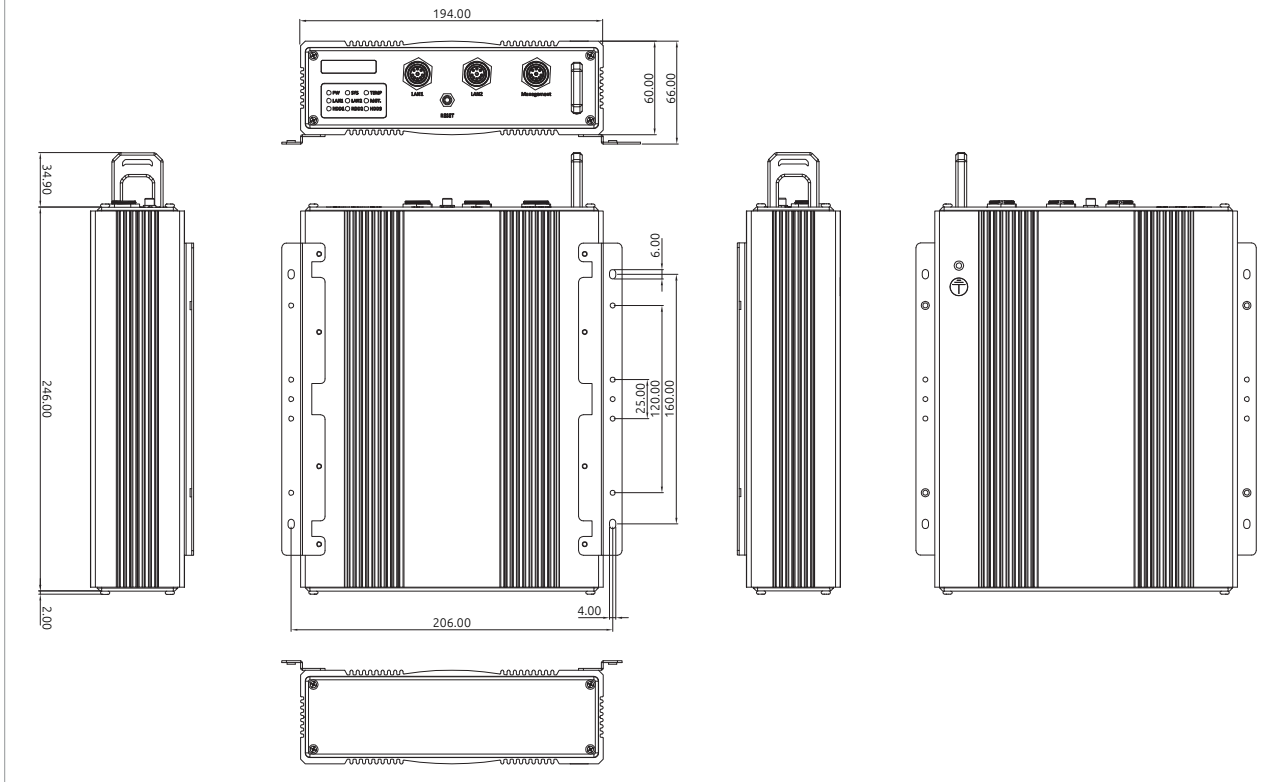- Mounting: wall mount (optional)

Environmental Specification
- Operating temperature:
  - -40°C ~ +70°C (-40°F ~ +158°F) For SSD
  - -25°C ~ +55°C (-13°F ~ +131°F) For HDD
- Storage temperature: -40°C ~ 85°C (-40°F~176°F)
- Humidity: 5% - 95%, non-condensing

Certifications
- FCC/CE
- RoHS/WEEE

NEXCOM

Dimension Drawing

Compliance
- EN50155(railway applications)
- IEC61373(vibrations & Shocks)
- EN60950; EN61000 (immunity, emission)

Package Content
- iNAS 330 unit x 1
- QIG x 1
- CD x 1

Optional Accessories
- Wall-mount-kit: 2 extra brackets and screws
- M12 cables: waterproof 8pin male M12 to RJ45 gigabit Ethernet cable, rated IP67

System Dimensions
- 246mm (w) x 194mm (D) x 60mm (H) (9.69"x 7.64"x 2.36")

Software Features
- OS: Linux
- Firmware upgrade via system web UI
- System management via management web UI
- RAID management: RAID 0,1,5,JBOD
- IP Settings: fixed IP, DHCP
- Auto data rebuilding
- Remote backup

- Backup management
  - Green power management
  - Data protection (Support data buffer available for vibration status and harsh temperature environment)

Client O.S. support
- Windows 7+, Windows Server 2003 R2, 2008, 2008 R2 & 2012 or later
- Linux & UNIX
- Mac OS X 10.7 or later

Web Browsers Support
- Internet Explorer IE 9.0 later
- Mozilla Firefox
- Apple Safari
- Google Chrome

Networking
- HTTP/HTTPS, Samba/CIFS, NFSv4, AFP(v3.3), SNMP(v3),FTP,
- TLS 1.0, TLS 1.2,TCP/IP,IPv4/IPv6,IEEE 802.3x

Ordering Information

- **iNAS 330 (P/N:101G0033000X0)**
  Rugged-design industry storage (3 years service & maintenance)