iNAS 330

Main Features

- 2 Gigabit Ethernet ports for data/power redundancy with PoE+
- Data protection in harsh environments
- Wide temperature range support, -40°C ~ 70°C
- IP rating: IP 54 (NEMA)

Product Overview

The iNAS 330 is extremely rugged-design network-attached storage (NAS), which was designed to provide high performance, reliability storage in harsh environments. Equipped with SSD storage technology, it is able to record the data correctly in harsh environments, such as oil exploration, transportation, and Industrial automation…, etc.

Furthermore, it offers several data backup options. It supports FTP service and SMB/CIFS protocol for file sharing among cross-platforms.

Atlas OS™ provides real-time information, toolkit, widgets and easy mode of operation; software center provides more application extensions in the future, based on application requirements. iNAS 330 also can be networking surveillance storage, with high-resolution camera, the file system could be used on video recording which supports RAID 5 and also that offers the better data protection.

The iNAS 330 supports Power over Ethernet (PoE/PoE+) and follows the specifications in IEEE 802.3af/ IEEE 802.3at. It has dual PoE+ interface which supports power redundancy. The iNAS 330 is a fanless but high efficient for thermolysis, dust- and water-protected IP 54-rated chassis.

Specifications

Main Board
- Dual Cortex®-A9 CPU

Storage
- 3 x 2.5" SATA SSD socket, up to 1T each SSD

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

Button
- Reset button: Reboot System/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

Environmental Specification
- Operating temperature: -40°C ~ 70°C (-40°F ~ 158°F)
- Storage temperature: -40°C ~ 85°C (-40°F ~ 176°F)
- Humidity: 5% - 95%, non-condensing
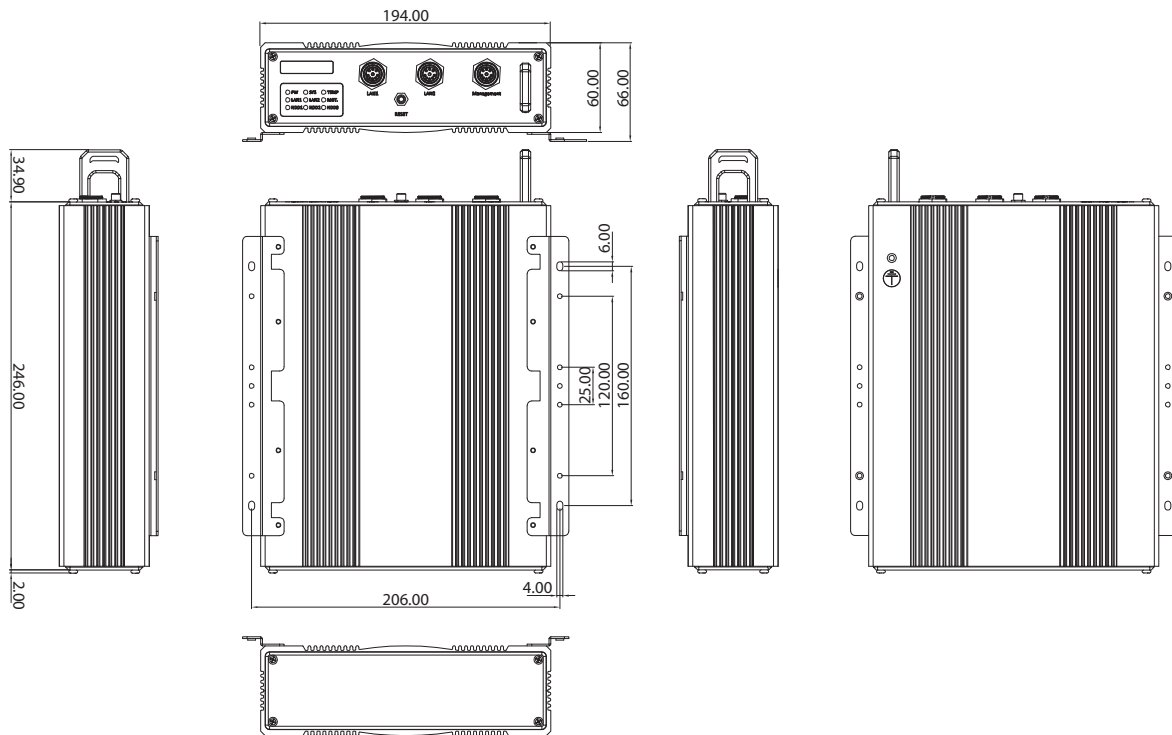
Certifications
- FCC
- RoHS/WEEE

Accessories
- Wall mount kit x 1
- M12 cables x 3 (waterproof 8-pin male M12 to RJ45 gigabit Ethernet)

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

Dimension Drawing

Software Features

- OS: Atlas OS™
  - Web-based GUI (based on HTML5 and CSS3)
  - Centralized navigation panel and dual-desktop system:
    Navigation panel: For system configurations, with some toolkits on the toolbar
  - Home: for applications operations
  - Dashboard: for widgets exhibition
- APPs
  - Storage manager
  - RAID management (JBOD, RAID1, RAID 5)/Auto RAID rebuilding
  - Data vault
  - Log book
  - Software center
- Widgets
  - System guardian
  - Network surveillance
- Configurations
  - Files and permissions
  - Network and connectivity
  - System and devices
- Toolkit
  - Profile: account management
  - Real-time notification
  - System information
  - Network status

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

- Mozilla firefox
- Mac safari
- Google chrome
- Opera

Protocol

- HTTP/H - SAMBA 2 (CIFS), Open SSL (TLS), FTP/FTPS
- HTTP 1.1/HTTPS
- IPv4, Link Aggregation, DHCP, NTP, HTTP Authentication
- RESTful API

Ordering Information

- **iNAS 330 (P/N: 10IG0033000X0)**
  Rugged-design industry storage (3-years service & maintenance)

Last update: 07/12/2024