



- Ruggedized for Harsh Environments
- Up to 1TB Aggregated Storage
- RAID 1 Functionality
- 10/100Mbps Ethernet with POE
- EN50155 Fully Qualified
- Quick and Easy Setup

Features

Simple and Versatile - Ready-to-use Network Attached Storage for applications such as remote storage, networked video recording and many more

Power over Ethernet - Cuts installation cost and time with a single cable PoE connection

Quick and Easy Setup - Intuitive Web GUI for system configuration

EN50155 Fully Qualified - Fully compliant with EN50155 for Railway installations

Rugged for Harsh Environments - Designed to withstand mechanical, electrical and environmental stress typical of harsh environments

Description

The DuraNAS 1000 is a reliable high capacity Network Attached Storage (NAS) for Rolling Stock and for any application that requires a rugged device.

Featuring two HDD/SDD units, it can be configured as a single aggregated volume or as a RAID 1 volume. A safe shutdown capability ensures that buffered data is written even in the case of a sudden power loss.

The unit is configured through an easy to use Web GUI: system setup and storage management can all be done through an intuitive visual interface.

A 10/100Mbps Power over Ethernet (POE) connector provides a convenient interface that allows a single cable (power and data) installation. Two mounting options offer great deployment flexibility: brackets for permanent positioning, or a key-locked sledge for use cases where the device needs to be quickly removed.

The DuraNAS 1000 is EN50155 certified and comes with wide operating temperature range, an IP65 ingress protection and a very sturdy enclosure with a circular connector, making it suitable for harsh environments.

For customers requiring more configuration flexibility, Eurotech Professional Services offer an extensive number of options, including custom front panel/connectors, branding and additional certifications.

Ordering code: NAS-1000-xx

| xx | | -10 | -11 | -20 | -21 |
|-----------------------|--------------------|---|-------------------------------|---|-------------------------------|
| STORAGE | Capacity | 2x 1TB (HDD) | | 2x 1TB (SSD) | |
| | RAID | RAID 1 or Large Single Volume Mode | | | |
| | Encryption | Advanced Encryption Standard (AES); 128 bit key-size | | | |
| | Safe Shutdown | Yes | | | |
| I/O INTERFACES | Ethernet | 1x 10/100Mbps - M12 Connector | | | |
| OTHER | LEDs | 1x Ethernet Link; 1x Ethernet Activity; 1x SATA Boot Failure; 1x Early On; 1x Power On; 1x CPU Power On | | | |
| POWER | Input | Power-over-Ethernet (PoE) 37 – 57VDC Powered Device Class 0 Power Classification (IEEE 802.3af Compliant) | | | |
| | Consumption | < 12W | | | |
| ENVIRONMENTAL | Operating Temp. | EN50155 OT1 ST1 -25 to +55°C (+70°C for 10') (HDD not powered below -10 °C) | | EN50155 OT3 ST1 -25°C/+70°C (+85°C for 10') | |
| | Storage Temp. | - 40 to +85°C | | | |
| | Humidity | 95% Relative Humidity non Condensing | | | |
| CERTIFICATIONS | Regulatory | 2014/30/UE (CE EMC) | | | |
| | Safety | EN 60950 (Safety) | | | |
| | Vertical | EN 50155 (Railway Applications); EN 61373 (Vibrations & Shocks); EN 61000 (Immunity, Emission); EN 60068 (Environmental Testing); EN45544 HL3 (Railway Applications – Fire Behaviour) | | | |
| | Ingress | IP65 | | | |
| MECHANICAL | Mounting Style | Fixed, with Brackets | Removable, Dock with Key Lock | Fixed, with Brackets | Removable, Dock with Key Lock |
| | Dimensions (WxHxL) | 171x59.5x285mm | 171x83x293mm | 171x59.5x285mm | 171x83x293mm |
| | Weight | < 3Kg | | | |