

Product Overview



FastNAS F-8 Nitro

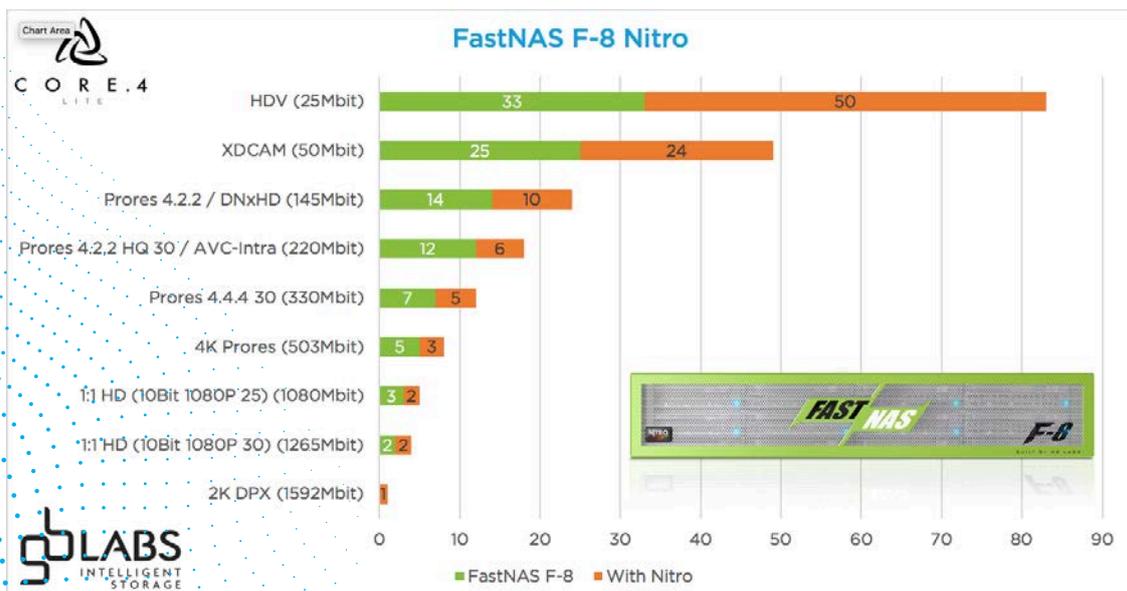
Rack Based Media Production

Rack based delivering SSD performance with HDD capacities powered by GB Labs' Nitro hybrid disk technology and CORE.4 Lite OS tools such as Velocity RAID Engine (V.R.E.) and Mosaic.

Ideal for small - medium Post-Production houses and collaborative media workflows.

Technologies:
Nitro / IDA / VRE / Mosaic

Capacity: 16 - 96TB
HDD Speed: Up to 1GB/s
Nitro Boost: 512GB at 500MB/s



Technical Overview

Unit Specifications

Unit dimensions:	8.9cm x 47.3cm x 65.0cm (3.5" x 18.6" x 25.5")
Unit weight:	28kg (31.7lbs)
Input range:	100 - 240 VAC, 50-60Hz
PSU safety:	EMC - USA-UL listed. Canada-CUL listed, Germany-TUV certified, EN60950/IEC 60950-Compliant, CB report, CCC certification
Power supply:	Single redundant 500W removable PSUs Option for dual redundant 500W removable PSUs
Power requirements standby:	33W
Power requirements full load:	350W
Operating temperature range:	10°C - 35°C
Non-operating range:	-40°C - 70°C
Operating humidity range:	8 - 90% non-condensing
Non-operating humidity range:	5 - 95% non-condensing
Unit form factor:	2U rackmount (rack mounts included)

Bootable replacement OS is provided on Rescue Capsule USB drive for fast system recovery.

Configurable Capacities

FastNAS F-8 Nitro 16TB, 32TB, 48TB, 64TB, 80TB and 96TB

Connectivity

On Motherboard

2 x USB 3.0 and 2 x USB 2.0 ports	4 x 1Gb Ethernet ports (RJ45)
1 x VGA connector	1 x RJ45 dedicated IPMI LAN port
1 x COM post	

Other

Option for additional 1Gb, 10Gb, 25Gb and 40Gb Ethernet ports

Key Features

CORE.4 Lite OS	Network Loop Protection
IDA	Replication
Nitro Hybrid Boost	Active Directory
RAID 5 Data Protection	Mosaic
Velocity RAID Engine (VRE)	File Manager
OS Agnostic	