



Product Overview



FastNAS F-16 Nitro

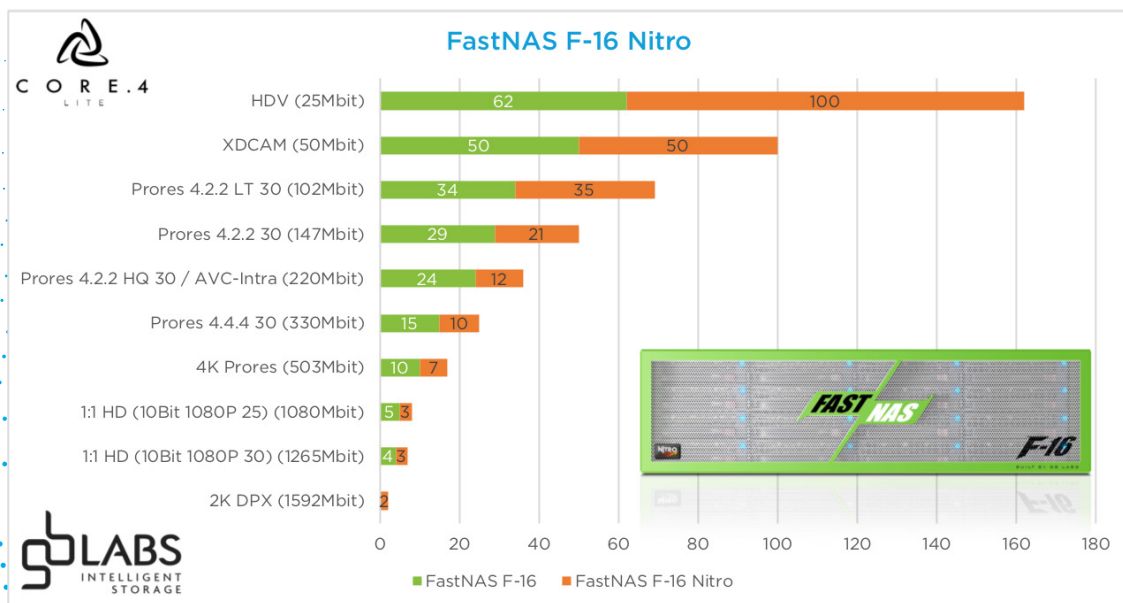
Rack Based Media Production

Delivering SSD performance with greater 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 Asset Organiser.

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

Technologies:
Nitro / IDA / VRE / Mosaic

Capacity: 32 - 96TB
Speed: Up to 2GB/s
Nitro Boost: 1TB at 1GB/s
Expandable: Up to 480PB



Technical Overview

Unit Specifications

Unit dimensions: 13.2cm x 47.3cm x 65.0cm (5.1" x 18.6" x 25.5")
Unit weight: 34.2kg (75.3lbs)
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: 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: 3U rackmount (rack mounts included)

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

Configurable Capacities

FastNAS F-16 Nitro	32TB, 64TB and 96TB
FastNAS F-16 NitroMax	128TB, 160TB and 192TB
FastNAS F-16 EX	32TB, 64TB, 96TB, 128TB, 160TB and 192TB (up to 576TB with expansion units)

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 port	

Other

2 x 10Gb Ethernet ports (RJ45) or 10/25Gb (SFP+)
Option for additional 1Gb, 10Gb, 25Gb and 40Gb Ethernet ports (RJ45 or SFP+)

Key Features

CORE.4 OS Lite	OS Agnostic
IDA	Network Loop Protection
Nitro Hybrid Boost	Replication
RAID 6 Data Protection	Active Directory
Velocity RAID Engine (VRE)	Mosaic
Dynamic Expansion	File Manager