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INTELLIGENT STORAGE
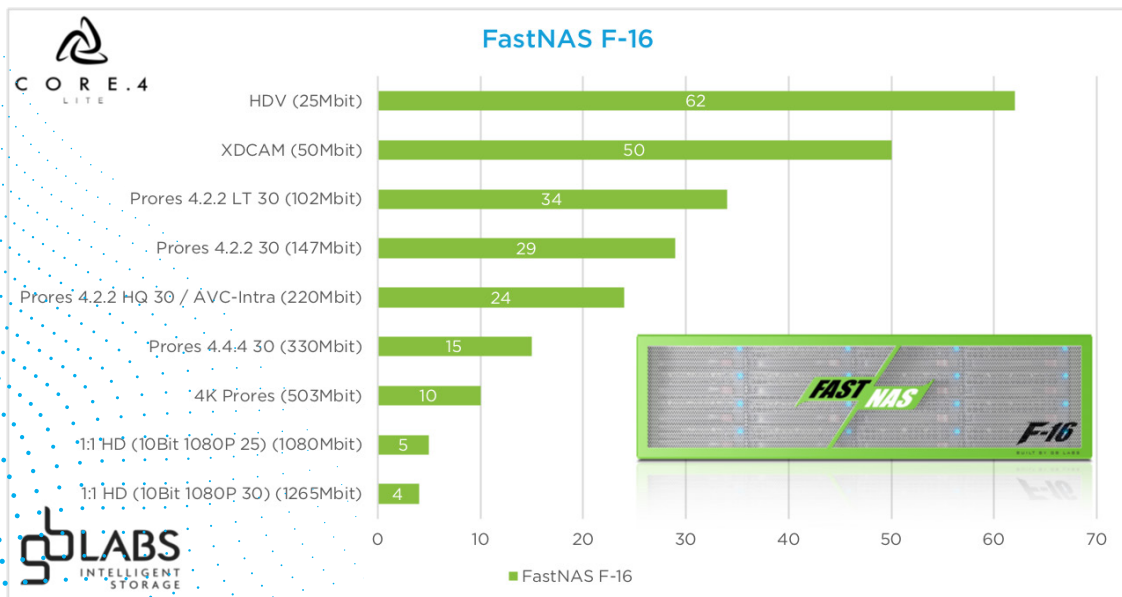
Product Overview

FastNAS F-16

Rack Based Media Production

Optimised HDD powered by GB Labs' CORE.4 Lite OS featuring 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:
IDA / VRE / Mosaic

Capacity: 32 - 192TB
HDD Speed: Up to 2GB/s
Expandable: Up to 576PB

CORE.4 LITE

FastNAS F-16

Format	FastNAS F-16
HDV (25Mbit)	62
XDCAM (50Mbit)	50
Prores 4.2.2 LT 30 (102Mbit)	34
Prores 4.2.2 30 (147Mbit)	29
Prores 4.2.2 HQ 30 / AVC-Intra (220Mbit)	24
Prores 4.4.4 30 (330Mbit)	15
4K Prores (503Mbit)	10
1:1 HD (10Bit 1080P 25) (1080Mbit)	5
1:1 HD (10Bit 1080P 30) (1265Mbit)	4

■ FastNAS F-16

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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   32TB, 64TB, 96TB, 128TB, 160TB and 192TB
FastNAS F-16 EX   32TB, 64TB, 96TB, 128TB, 160TB and 192TB
                      (up to 576TB)

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 Lite OS   Network Loop Protection
IDA   Replication
RAID 6 Data Protection   Active Directory
Velocity RAID Engine (VRE)   Mosaic
Dynamic Expansion   File Manager
OS Agnostic

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