



Product Overview



FastNAS F-8 Nitro Studio

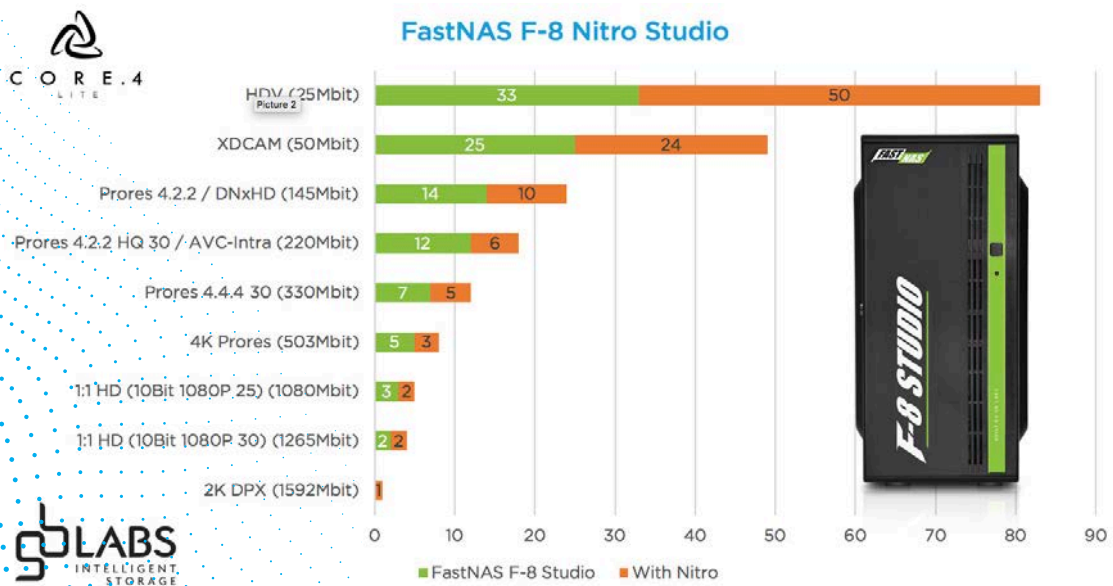
Desktop Media Production

Ultra-quiet desktop delivering SSD performance with HDD capacities powered by GB Labs' CORE.4 Lite and Nitro hybrid disk technology.

Ideal for Creative Professionals, High-End Post Production, Broadcast and Film Facilities.

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 Studio 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 port	

Other

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

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	