

FreeNAS® Mini and FreeNAS Mini XL Storage Devices

THEY SAVE YOUR LIFE

HOW IMPORTANT IS YOUR DATA?

Years of family photos. Your entire music and movie collection. The shared documents in your office. Your schoolwork. Backups for every machine in your home or office. We ask again, just how important is your data?

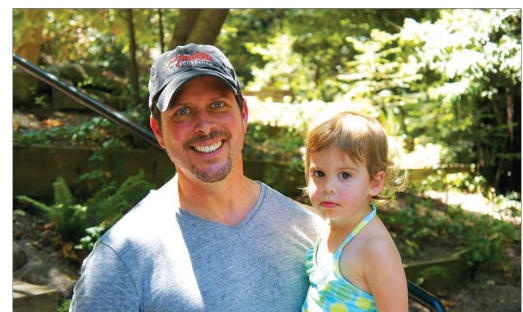
At iXsystems we think the answer is clear. In the modern age, data is an essential part of our lives. We use this assertion as the guiding design principle for all of our products.

The FreeNAS Mini and Mini XL are the clear choice when it comes to saving your digital life. No other NAS in this class offers ECC (Error Correcting Code) memory to protect data from corruption before it touches a disk, as well as OpenZFS to preserve against silent decay over time.

No other NAS combines the inherent data integrity and security of the OpenZFS file system with fast on-disk encryption. No other NAS provides comparable power and flexibility. When it comes to saving your important data, you simply can't afford another solution.



* CORRUPTED PICTURE



ORIGINAL PICTURE

*Simulation of a single-bit change to a JPG file.



Call or click today! **1-855-GREP-4-IX** (US) | **1-408-943-4100** (Non-US) | www.iXsystems.com/freenas-mini or purchase on Amazon.

FEATURES	FREENAS MINI	FREENAS MINI XL
Power Management	Remote Power-On/Off, UPS Signal Response and Alerts	
Disk Management	Hot-Swappable Drives, Bad Block Scan + HDD S.M.A.R.T., ISO Mounting Support, Hardware-Accelerated Disk Encryption	
Chassis	4 Bay Enclosure - Super Quiet Design	8 Bay Enclosure - Super Quiet Design
Maximum Capacity	Up to 24TB depending on RAID layout	Up to 48TB depending on RAID layout
CPU	8-Core 2.4GHz Intel CPU with AES-NI	
Memory	16GB DDR3 with ECC standard, 32GB upgrade optional	32GB DDR3 with ECC
RAID Levels	RAIDZ1 (RAID 5), RAIDZ2 (RAID 6), RAIDZ3 (triple parity), and Multi-Disk Mirror (RAID 10)	
RAID Engine	OpenZFS	
Network	2 x 10/100/1000 Gigabit Ethernet Port, Dual-Port 10Gb upgrade optional, Dedicated RJ45 IPMI Port (Remote Hardware Management)	
Hard Drive Bays	4 x SATA 3.5" Hot-Swappable Drive Bays 2 x SATA 2.5" Internal Drive Bays	8 x SATA 3.5" Hot-Swappable Drive Bays 2 x SATA 2.5" Internal Drive Bays
Read/Write Cache	(Optional) Boost performance by adding a dedicated, high-performance read cache (L2ARC) or by adding a dedicated, high-performance write cache (ZIL)	
Power Supply	100V to 240V AC	
Power Frequency	50/60 HZ, Single Phase	
Power Consumption	37-47 Watts	60-80 Watts
User Control Interface	Web Browser and Remote Hardware Management	
Dimension (in.)	8.25" W x 11.2" D x 9.5" H	8.4" W x 11" D x 15.1" H
Weight (lb)	10.8lb without drives	23.15 lbs without drives
Limited Warranty	1 Year	
Package Contents	FreeNAS Mini, Power Cord, Quick Start Guide, 2 Case Door Keys, 4 Removable Disk Trays, bag of HDD screws, 7' copper cable	FreeNAS Mini XL, Power Cord, Quick Start Guide, 2 Case Door Keys, 8 Removable Disk Trays, bag of HDD screws, 7' copper cable

SOFTWARE FEATURES & SERVICES

PROTOCOLS	DIRECTORY SERVICES	NETWORKING
<ul style="list-style-type: none"> • AFP • CIFSv1, SMBv2, SMBv3 • FTP and SFTP • iSCSI • NFS v3, v4 • S3-Compatible Object API • WebDAV 	<ul style="list-style-type: none"> • Active Directory (AD) • Lightweight Directory Access Protocol (LDAP) • Network Information Service (NIS) • Open Directory 	<ul style="list-style-type: none"> • NIC Failover • Port Trunking/NIC Teaming and IEEE 802.3ad Link Aggregation • VLAN Support • DHCP client, DHCP Server
FILESYSTEM	REMOTE ADMINISTRATION	BACKUP
<ul style="list-style-type: none"> • Intelligent in-line Compression • Snapshots and Clones • Thin Provisioning • Bit-rot Detection and Correction • Online Capacity Expansion • Virtual Block Devices • ZFS Stripe (RAID 0), ZFS Mirror (RAID 1, RAID 1+0), RAIDZ1 (RAID 5), RAIDZ2 (RAID 6) 	<ul style="list-style-type: none"> • HTTP/HTTPS Web Interface • Email Alert Configuration • Remote Syslog Client • Backup & Restore System Settings and State • Restore to Factory Default • Resource Monitor • Log and Event Collection • Automatic Online Updates • SNMP Server/MIB • IPMI Remote Console and Power Management • REST API 	<ul style="list-style-type: none"> • OpenZFS Remote Replication • rsync • Microsoft Windows Backup • Apple Time Machine • TrueOS® Life Preserver