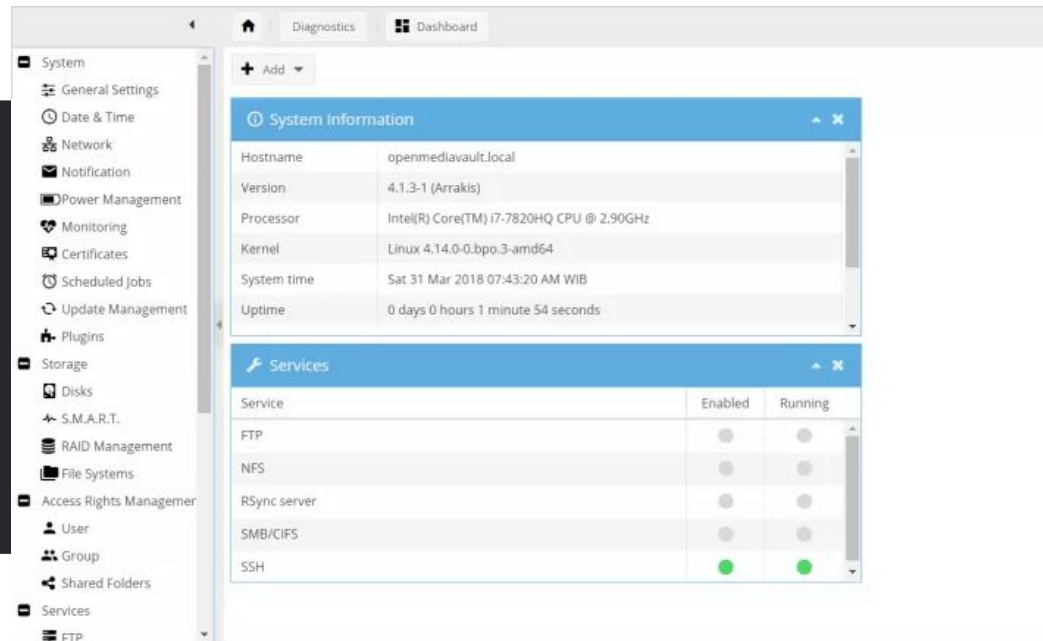# CoreBox NAS

Reliable Storage Technology without the cost and complexity

"*Compared to our previous solution, Synccore CoreBox NAS has more features than any other NAS device in market***"**

— Alisha, Inheritage Inc

Storage

Manage

Replicate

Centralized

Best NAS For SMB's

Turnkey solution simplified for centralizing, securing and controlling access to your digital asset. With supporting cloud storage backup, and multi-site replication. And, inclusive of hardware replacement.

KEY FEATURES

Site-to-site protection
Site-to-site deployments let you back up data to a secondary customer location. Compression reduces bandwidth and storage demand, letting you and your customers save on infrastructure costs.

Sync Devices to CoreBox NAS
Sync a folder on your PC, Linux or mobile device to NAS Box using integrated Syncthing.

Volume Management
Manage your drives as JBOD, Raid 1, Raid 10 or Raid 5. Change the drive configuration as per your deployment needs through our simplified Web Interface.

Web interface
The nas server has an integrated web interface that shows the status of the clients, current activities and statistics. Monitoring of services, share path and drives.

Stream Media Everywhere
CoreBox back's up your computer while you use it. Open files get backed up without problems. The image backups are done while the system is running and in use as well. Full and incremental image and file backups: Whole partitions can be saved as well as single directories.

Run Containers
Run container based application on the Nas Box using simple gui to manage the containers from Nas Box.

Grid Backup Cluster
Our NAS can be deployed as cluster with scalable storage with no single point of failure, which makes it reliable and ensures constant access to the whole set of stored data with scalability for large deployments.

Intelligent Monitoring & Alerts
Constant monitoring available through a web browser, displays the most important statistics concerning the entire infrastructure in real time and Email Alerts.

Offsite Cloud Storage Backup
Sync your NAS Data to off-site location for a Disaster Recovery.

ISCSI Target
Powerful tools for a businesses taking advantage of virtual infrastructures

Disk Failure Notification
Get Alerts before disk failure and complete SMART report.

Multi-platform
The Synccore NAS supports storage on Windows and GNU/Linux.

Available in Multiple Storage Capacity
1TB, 2TB, 4TB, 6TB, 8TB+

Easy Manage & Sync

2X
Faster than other NAS Storage.

20+
Supported platforms - on premise, remote locations, private and public cloud.

500+
Business rely on Synccore to protect their data and systems.

2 Year Warranty
On appliance with hardware replacement.

Geo-Location
Storage cluster available for Multi-Site and GRID deployments.

KEY FEATURES

Data-Checksums
The file system uses a 256-bit checksum, which is stored as metadata separate from the data it relates to, when it writes information to disk. Unlike a simple disk block checksum, this can detect phantom writes, misdirected reads and writes, DMA parity errors, driver bugs and accidental overwrites as well as traditional "bit rot.".

NAS Server Recovery
Auto usb backup for boot disk so that you can recover your backup server in case of disaster.

Duplicati Support
Backup client that securely stores encrypted, compressed backups on cloud storage services and remote file servers. It works with: * Amazon S3 * OneDrive * Google Drive (Google Docs) *, SSH (SFTP) * FTP * and more.

Automatic Data Repair
Checking each piece of data with its corresponding checksum to verify its integrity, detect any silent data corruption, and to correct any errors in encounters where possible. Data Repair has minimal effect on system performance, and can operate while the storage pool that is being scrubbed is in use.

Auto Shutdown
Allow system to be automatically shutdown based on use rather than a specified time.

Network UPS Support
Network UPS enabled and can be configured to manage the backup server while in power cuts recover from sudden outages.

2 Year Warranty
Includes :

- Device Maintenance.
- Hardware Replacement.

Yearly Subscription
Includes :

- Software License.
- Remote Support.
- Security Patches.
- Software Upgradation.
- Unlimited Support Tickets.
- On Site Support.

NAS Features	Basic	Advance
File Sharing (CIFS, SAMBA, NFS, AFP, ISCSI)	✓	✓
FTP, SFTP	✓	✓
Rsync	✓	✓
Image, File Backup	-	✓
Container	-	✓
Off Site Backup	-	✓
NAS System Restore	-	✓
Media Server	-	✓
VPN	-	✓
Bittorrent	-	✓
Appliance Replication	-	✓

COREBOX NAS APPLIANCES

CBN Series Appliance Storage Capacity from 1 TB - 6 TB

Model Types	CBN100	CBN200	CBN400	CBN600
Raw Capacity	2 TB	4 TB	8 TB	12 TB
Usable Capacity	1 TB	2 TB	4 TB	6 TB
Feature Type	Basic	Basic	Advance	Advance
Form Factor	Box Case	Box Case	Box Case	Box Case
Network Interface	2 x 1GbE	2 x 1GbE	2 x 1GbE	2 x 1GbE
Disk Arrangement	2 x 1 TB	2 x 2 TB	2 x 4 TB	2 x 6 TB
Raid Type	Raid 1	Raid 1	Raid 1	Raid 1
Dedicated OS Disk	Yes (1 x Intel SSD)	Yes (1 x Intel SSD)	Yes (1 x Intel SSD)	Yes (1 x Intel SSD)

CBNx Series Appliance Storage Capacity from 8 TB - 16 TB

Model Types	CBNx800	CBNx1600
Raw Capacity	16 TB	32 TB
Feature Type	Advance	Advance
Form Factor	2U Case	2U Case
Network Interface	1 x 10GbE	1 x 10GbE
Disk Arrangement	4 x 4 TB	8 x 4 TB
Raid Type	Raid 6 10	Raid 6, 10
Dedicated OS Disk	Yes (2 x Intel SSD)	Yes (2 x Intel SSD)

SUPPORTED PLATFORMS

Hypervisors (Guest Level)

- VMware vSphere ESX(i) 6.5, 6.0, 5.5, 5.1, 5.0, 4.1, including vSphere Hypervisor (free ESXi)*
- Microsoft Hyper-V Server 2016, 2012 R2, 2012, 2008 R2, 2008
- Microsoft Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008 with Hyper-V
- Microsoft Windows 10, 8.1, 8 (x64) with Hyper-V
- Citrix XenServer® 4.1-6.5*
- Red Hat® Virtualization 2.2-4.0
- Linux KVM
- Oracle VM Server 3.0-3.3

Microsoft Windows

- Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008, 2003 R2, 2003*
- Windows Small Business Server 2011, 2008
- Windows MultiPoint Server 2012, 2011, 2010
- Windows Storage Server 2012 R2, 2012, 2008 R2, 2008
- Windows 10, 8.1, 8, 7, Vista, XP SP3

Linux

- Linux with kernel from 2.6.9 to 4.9 and glibc 2.3.4 or later
- Various 32-bit (x86) and 64-bit (x86_64) Linux distributions including:
° Red Hat Enterprise Linux 4.x - 7.3 ° Ubuntu 9.10 - 16.04
° Fedora 11 - 23
° SUSE Linux Enterprise Server 10 - 12*
° Debian 4 - 8.5
° CentOS 5.x - 7.3
° CloudLinux 7, 7.1

Applications

- Microsoft Exchange Online • Microsoft Exchange Server 2016, 2013, 2010, 2007
- Microsoft SQL Server® 2016, 2014, 2012, 2008 R2, 2008, 2005 – • Microsoft SharePoint® 2013, 2010 SP1, 2007 SP2, 3.0 SP2

File Systems

- FAT16/32
- NTFS
- HFS+ *
- ReFS *
- ext2/ext3/ext4
- ReiserFS3, ReiserFS4 *
- XFS

Web Browsers

- Google Chrome® 29 or later
- Mozilla Firefox® 23 or later
- Opera 16 or later
- Windows Internet Explorer® 10 or later
- Microsoft Edge® 25 or later
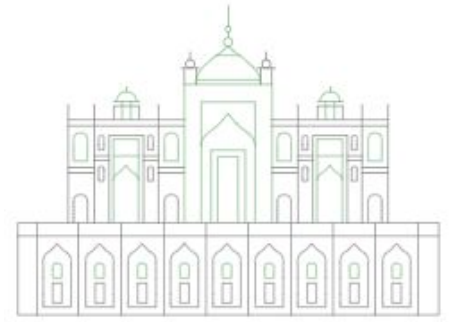- Safari® 8 or later (running in Apple OS X and iOS)

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Trade Center,
6th Floor, MIDC,
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3rd Floor, Chandra
Bhawan Building No.
67-68,
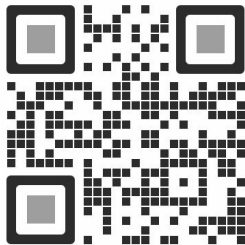Nehru Place,
New Delhi 110019.

Pune
Sky Loft, Creaticity,
Opp. Golf Course,
Off Airport Road
Shastrinagar, Yerwada,
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SyncCore
An Innovative Cloud Company