

AES 256-BIT ENCRYPTION EXTERNAL STORAGE READY

PORTABLE SECURE NAS SERVER WITH iSCSI



- Available capacities 10TB | 20TB | 30TB | 40TB
- 10 GigE network for speeds up to 1GB/sec
- Support for 2.5 " & 3.5" HDD for higher Flexibility
- Includes Full Version of NovaStor Complete Backup Software
- Dual Gigabit LAN: Failover, Load-Balancing and Multiple IP Setting
- Online RAID capacity Expansion & Online RAID Level
- Built-in iSCSI Initiator Service & Virtual Disk for Storage Expansion
- Smart IP Filter & Comprehensive Log Systems
- low power Consumption & Quiet Operation

The Secure Portable Networked Storage Solution-The dramatic growth of digital data, including videos, graphics, documents, emails, applications, and databases is placing an enormous burden on companies to protect this data as it is in transit or remains onsite. This is especially true for applications in forensic data capture, oil and gas field data acquisition, media and entertainment production and post-production, health care patient records, government, military, disaster recovery and business continuity. The demands for the proper collection, management, storage and security of this vital information is only addressed by Ciphertex's unique system implementation based on years of experience designing storage for the world's most secure environments. Ciphertex Secure Portable NAS provides an efficient and powerful storage center with advanced iSCSI services, cross-platform data sharing, and all-in-one server applications that enable you to connect into any network, application or operating system environment quickly and seamlessly.

FEATURES

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FEATURE-RICH AND INTEGRATED APPLICATIONS FOR BUSINESS

The CX-10K-NAS supports file sharing across Windows, Mac, Linux and Unix platforms. Versatile business applications such as file server, FTP server, printer server, web server, and Windows AD (Active Directory) support are provided. The dominant features, such as WebDAV, Share Folder Aggregation (also known as DFS), IPv6 and IPv4 dual-stack, Wake on LAN, schedule power on/off, HDD S.M.A.R.T. comprehensive log systems and policy-based unauthorized IP blocking are all included.

- **Optional AES 256-bit Hardware Encrypted expansion capability**
- **iSCSI storage for server clustering and virtualized environments**
- **Built-in iSCSI initiator for expendable capacity**
- **Powerfull all-in-one business-class server**
- **Five-bay, hotswappable drives**
- **Dual Gigabit LAN: Failover, load balancing and multiple IP settings**

- **Online RAID capacity expansion and level migration**
- **AES 256-bit volume-based data encryption**
- **Complete backup solutions including cloud-based (internet) and Apple machine back up**
- **Touch-N-Go PC-less installation via front panel**
- **Scheduled Power On/Off**
- **Windows Active Directory (AD) and LDAP Account Import**
- **Easy Setup and Configuration Setting**
- **Secure Access Control**
- **Superior Performance and Energy-saving Design**
- **Smart Fan**
- **Advanced Folder Permissions**
- **Benefits of Multiple LAN Ports**
- **Dom (SSD) Architecture and Fail-Safe Dual OS**
- **Policy-based Automatic IP Blocking**
- **Windows Active Directory (AD) and LDAP Account Import**
- **Benefits or Multiple LAN Ports**
- **Network UPS support**
- **Virtual LAN**
- **Advanced RAID Management with Hot-swap Design**
- **SSL Security (HTTPS)**
- **Secure FTP**
- **Shared Folder Aggregation**
- **Encrypted RAID Expansion**
- **Real-time Remote Replication (RTRR)**
- **Complete Data Backup Solution with Disaster Recovery**

HARDWARE SPECIFICATIONS

CAPACITY

10TB | 20TB | 30TB | 40TB

STORAGE

10 x3.5" SATA 6Gb/s hard Drives
2.5" SATA SSD Hard drives

LAN PORT

2x Gigabit RJ-45 Ethernet port (optional dual-port 10 Gb and 1Gb network card are supported)

PERFORMANCE

Dual Core Intel® Core™ i3-2120 Processor 3.3 GHz

MEMORY/DRAM

512 GB Ram (Expandable RAM, up to 3GB)

Note: The system memory can be increased to 3GB by installing an additional 1GB/2GB SO-DIMM RAM module.

FLASH MEMORY

512MB DOM

LED INDICATORS

Power, Status, LAN, USB, SATA, HD 1,2,3,4,5,6,7,8,9,10

USB CONNECTIVITY

2x USB 3.0 port (back)
3x USB 2.0 port (Front: 1, back: 2)
Support USB printer, pen drive, USB hub(front), and USB UPS etc.

eSATA

2x eSATA port (back)

PUSH BUTTON

System: Power button, USB One-Touch-Back-up Button, Reset Button

ALARM WARNING

System warning

SOUND LEVEL (DB)

HDD sleep: 14.7 dB
In operation: 21.43 dB
(with 5 x 500GB HDDs installed)

LCD PANEL

Mono-LCD display with backlight
Enter button, Select button for configuration

HDMI

HDMI x1

IR

Built-in Infrared Receiver (IR) for MCE remote control

VGA

Reserved for system maintenance

EXPANSION INTERFACES

eSATA x2 | USB2 x 4 (rear)
USB3x 2 (front and rear)

PCI-E SLOT

1, with dual-port GbE NIC pre-installed (for optional 10GbE network expansion)

POWER CONSUMPTION (W)

Sleep mode: 26.3W
In operation: 49.8W
Power-off (inWOL mode) 1W
(with 500GB HDD installed)

TEMPERATURE

0~40°C

HUMIDITY

Input: 100~95% R.H.

POWER SUPPLY

Input: 100~240V AC, 50/60Hz, Output: 350W

SECURITY

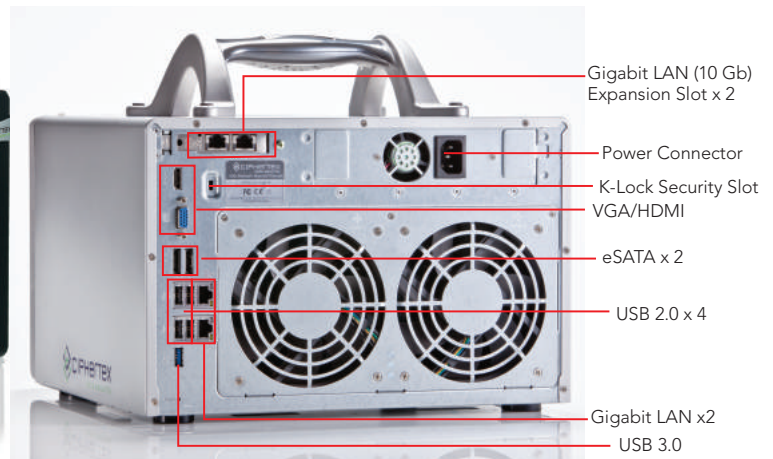
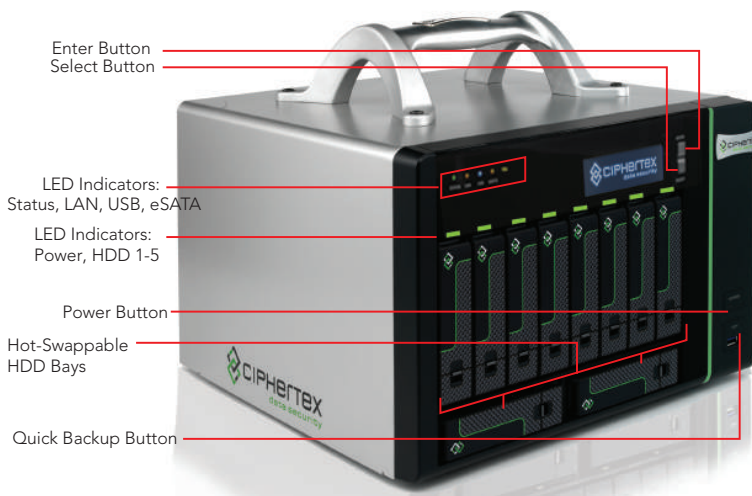
K-lock security slot for theft protection

FAN

2 Smart Fan System

SIZE & WEIGHT

Height: 8.56" (217.5mm)
Width: 12.8" (327mm)
Depth: 12.65" (321.2 mm)
Net Weight: 21.67 lbs (9.84 kg)
Gross weight: 33.98 lbs (15.43 kg)



MAXIMUM SECURITY / MAXIMUM PERFORMANCE

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FCC CE COMPLIANCE
Designed/Assembled/Integrated/Tested
in the USA using domestic and/or foreign components

