

AES 256-BIT ENCRYPTION EXTERNAL STORAGE READY

PORTABLE SECURE NAS SERVER WITH iSCSI



- 6TB | 12TB | 18TB | 24TB
- Ciphertex CX-6K NAS, iSCSI, IP-SAN storage solution
- VMware, Citrix and Hyper-V ready
- Secure, High performance, Reliable, and Simple
- 10GigE ready, reaching over 1,000 MB/s and 100,000 IOPS
- Multi-core processor, DDR3, SATA 6 Gb/s, and USB 3.0

Ciphertex products are designed to provide affordable and easy to manage solutions. Ciphertex is one of the premier data security companies in the world and is trusted to provide data protection solutions for the most sensitive data of organizations worldwide. Ciphertex data security solutions ensure sensitive information is secure with key and policy management along with enterprise encryption.

FEATURES

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FEATURE-RICH AND INTEGRATED APPLICATIONS FOR BUSINESS

The CX-6K-NAS supports file sharing across Windows, Mac, Linus 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**
- **Powerful 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 backup**
- **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 of 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

6TB | 12TB | 18TB | 24TB

STORAGE

6 x Hot-swappable and lockable tray

LAN PORT

4 x Gigabit RJ-45 Ethernet port (2 ports are provided by the included PCI-E NIC) ; optional dual-port 10 GbE NIC support by replacing the dual-port GbE PCI-E NIC

PERFORMANCE

Intel i3 Ghz Dual-core Processor

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, Hard Drive 1, Hard Drive 2, Hard Drive 3, Hard Drive 4, Hard Drive 5, Hard Drive-6

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

AUDIO IN

1 (reserved)

AUDIO OUT

1 (Supported application; Music Station, HD Station)

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: 250W

SECURITY

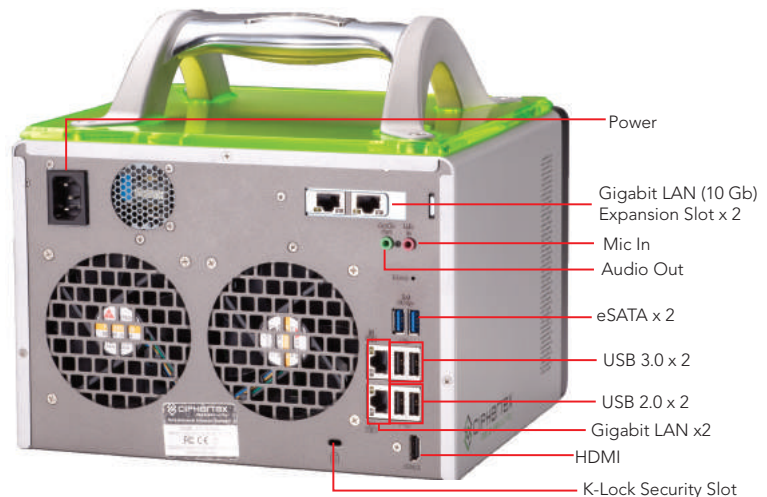
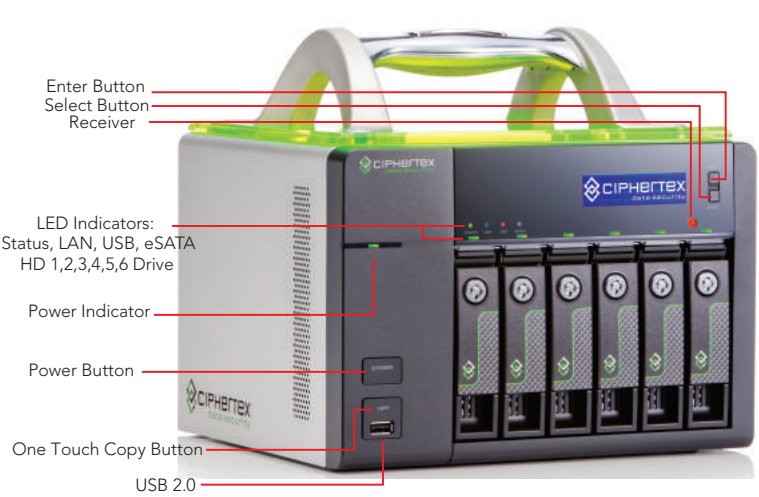
K-lock security slot for theft protection

FAN

2 Smart Fan System

SIZE & WEIGHT

Height: 7"(W/O handle) (177.8mm)
Height: 9.5"(With handle) (241.3 mm)
Width: 10.4"(264.16 mm)
Depth: 9.5"(241.3 mm)
Gross weight: 23.7 lbs (10.75 kg)



MAXIMUM SECURITY / MAXIMUM PERFORMANCE

Ciphertex Data Security · 9301 Jordan Avenue 106 · Chatsworth CA 91311 USA
toll free 877.977.8878 · 818.773.8989 · ciphertex.com

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

