

AES 256-BIT ENCRYPTION EXTERNAL STORAGE READY

SECURE NAS SERVER WITH SAS-RP SUPPORT



- Available capacities 12TB | 24TB | 36TB | 48TB
- NAS, Supports SAS hard drives, providing phenomenal performance iSCSI, IP-SAN storage solution
- VM ware. Citrix and Hyper-V ready
- AES 256-bit Encryption
- 10GbE ready, reaching over 1000 MB/s and 100,000 IOPS
- Quad Core Intel® Xeon® E3-1245 V2 Processor 3.4 GHz

The 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-12K-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 splutions including cloud- based (internet) and Apple machine back up**
- **Touch-N-Go PC-less instalation via front panel**
- **Scheduled Power On/Off**
- **Windows Active Directory (AD) and LDAP Account Import**
- **Easy Setup and Configurataion 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 Blaocking**
- **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

12TB | 24TB | 36TB | 48TB

STORAGE

12 x3.5" SATA 6Gb/s, SATA 3Gb/s hard Drive
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/ CPU

Quad Core Intel ® Xeon ® E3-1245 V2 Processor 3.4 GHz
System memory: 8GB DDR3 ECC RAM
Memory module pre-installed: 4GB x2
Total memory slots: 4
Memory expandable up to : 32 GB (8GB x4)

LED INDICATORS

Power, Status, LAN USB, eSATA, HD 1,2,3,4,5,6,7,8,9,10,11,12, storage expansion port status

USB CONNECTIVITY

2x USB 3.0 port (rear)
4x USB 2.0 port (rear)
Support USB printer, pen drive, USB hub, and USB UPS etc.

FLASH MEMORY

512MB DOM
12 x3.5- inch SAT/SATA 6Gb/s. SAS/SATA 3Gb/s hard drive or 2.5-inch SAS/ SATA, SSD hard drive

PCI-E SLOT

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

POWER CONSUMPTION (W)

Sleep mode: 68W
In operation: 296W
(With 12 har drive installed)

PUSH BUTTON

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

ALARM WARNING

System warning

FAN

3x 6cm smart cooling fan

SIZE & WEIGHT

Height: 3.46" (88mm)
Width: 17.28" (439mm)
Depth: 20.47" (520 mm)
Net Weight: 35.01 lbs (15.88 kg)
Gross weight: 50.53 lbs (22.92 kg)

TEMPERATURE

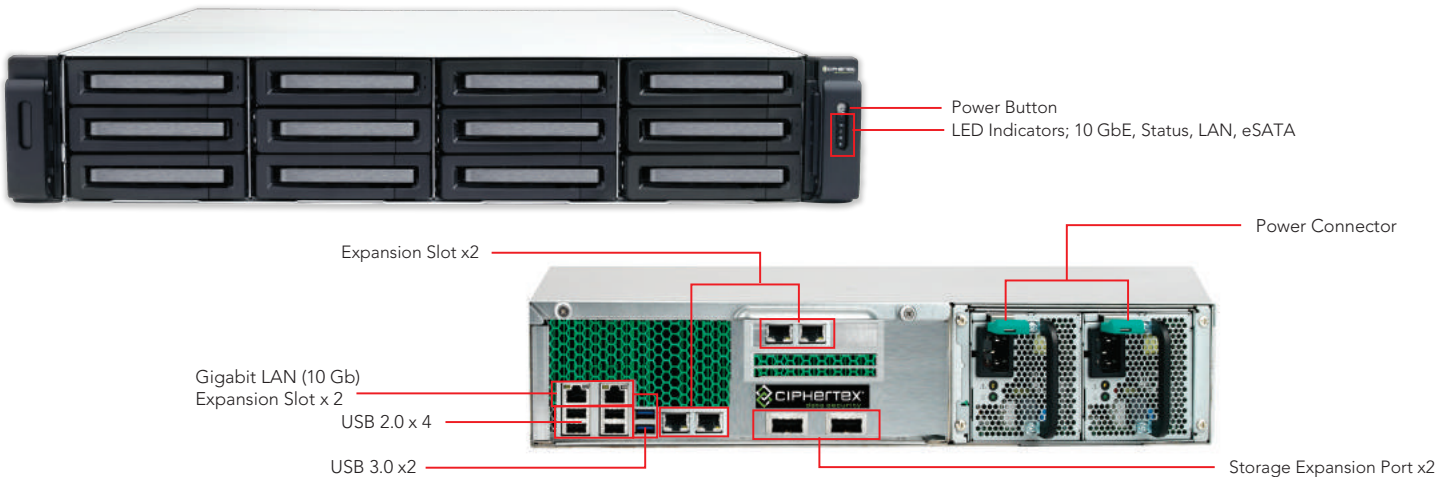
0~40°C

HUMIDITY

5~95% RH non- condensing, wet bulb: 27°C

POWER SUPPLY

Input: 100~240V AC, 50/60Hz, Output: 600W



MAXIMUM SECURITY / MAXIMUM PERFORMANCE

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

