AES ENCRYPTION 256

UP TO **112** TB

CX-8KEX-NAS

Portable 8-Bay NAS Server with Extraordinary Performance, Hardware Accelerated Software Encryption and iSCSI

The Ciphertex CX-8KEX-NAS server is a durable, portable, encrypted (hardware-accelerated AES-256 bit encryption) data storage solution using RAID technology. Also serving as an IP SAN (iSCSI), our NAS system is designed for I/O intensive tasks and essential enterprise applications such as network storage, backup, disaster recovery, and virtualization. The CX-8KEX-NAS server holds eight (8) Enterprise Class 7200RPM 3.5" or eight (8) Enterprise Class solid-state-drives (SSD) with up to 112TB of storage. The rugged design makes the Ciphertex CX- 8KEX-NAS ideal in any environmental condition while providing secure network data storage.

Features

- Application ready – including real-time remote replication for disaster recovery and file sharing
- Enterprise Class HDD or SSD
- Volume-based encryption
- Hardware accelarated AES 256-bit encryption
- iSCSI initiator for expandable capacity
- Dual 10GbE (optional)
- LCD Display

- Touch and Go computer-less installation via front panel
- Supports Virtualization
- Supports Active Directory and LDAP
- Advanced RAID management with hot-swap design
- Rugged construction with drive locks and durable handle for easy portability
- 8 hot swappable and lockable drive trays
- 3 year warranty with optional 2 year extension

Experience the Ciphertex Edge

The CX-8KEX-NAS provides hardware accelarated, AES 256 bit encryption, for high-level data security while maintaining maximum performance. Designed for high I/O applications, the CX-8KEX-NAS provides the perfect solution for mission-critical business applications. It's expansion capabilities accomodate fast growing data storage needs. Get high performance and consistent throughput for shared storage and private cloud applications.

10GbE | SUPERSPEED USB CERTIFIED | SUPERSPEED+ USB CERTIFIED 10Gbps

CX-8KEX-NAS

STORAGE	(8) Enterprise Class 7200RM SATA 6Gb/s HDD Or (8) Enterprise Class SSD
RAID	0,1,5,6, 10, 50 ,60 + hot spare, JBOD
PORTS	3 x USB 3.0 Ports (Front 1 / Rear 2)
	2 x USB 2.0 Ports
	1 x HDMI Port
	4 x Gigabit RJ-45 Ethernet Ports
	Optional: Dual 10GbE Ports
PERFORMANCE CPU	Quad Core Intel Core i7-4790S, 3.2 GHz (Turbo Boost up to 4 GHz)
SOUND LEVEL (DB)	23.1 dB (A)
MEMORY/DRAM	16 GB (2 x 8GB)
	2 x DDR3 RAM slots (for dual-DIMM configuration)

LED INDICATORS	Status/Power, USB, Drive 1-8
DISPLAY	LCD w/Select button for configuration
HDMI	1, up to 3846 x 2160, 30Hz
PUSH BUTTONS	Power, Reset
POWER CONSUMPTION	HDD sleep: 26.36W
	In operation: 43.3W
TEMPERATURE	0 - 40℃ (32℉ ~ 104℉)
HUMIDITY	Input: 5-95% RH
FLASH MEMORY	512 MB DOM
FAN	2 x 12cm (12V DC)
SIZE	Height: 7.29" (185.2mm)
	Width: 11.74" (298.2mm)
	Depth: 9.27" (235.4 mm)
	Net (NAS only): 17.26lbs

All product specifications and data are subject to change without notice to improve reliability, function, design or otherwise.

A - Durable Handle
B - Enter/Select Button
C - LCD Display
D - LED Indicators: Status, USB, LAN
E - Power Button

F - One-Touch Copy Button
G - Gigabit LAN
H - K-Lock Security Slot
I - Power Connector
J - Optional dual 10 GbE ports copper, fiber, or both

K - Password & Network Settings Reset Button
L - USB 3.0
M - USB 2.0
N - HDMI Port

BOX CONTENTS

- 2 x Cat 5 Ethernet cables; 2 meters each
- Power cord
- Installation CD
- Quick Start Guide

AVAILABLE ACCESSORIES

- Dual port 10GbE
- Transport Case
- 2 year extended warranty
- Drive trays

FCC CE COMPLIANCE - Designed/Assembled/Integrated/Tested in the USA using domestic and or foreign components. Made in the U.S.A.

TAA COMPLIANT

GSA Contract Holder Contract GS-35F-487DA