

CX-R12K-NAS

The CX-R12K-NAS with 10GigE bandwidth allows multiple editors to work on a shared storage platform at blinding speeds. And to protect the content from loss or theft, our NAS offers password-protected AES 256-bit encryption—the highest level of encryption available today. The CX-R12K-NAS is a secure server rich with applications, offering 10GigE connectivity, eSATA storage expansion capability and allowing for cross-platform content sharing. Everything you need to get the job done from start to finish. Serving both as an IP-SAN (iSCSI) and NAS, the CX-R12K-NAS can be easily utilized in different business and enterprise applications such as backup, recovery, file sharing, virtualization, and video editing storage.

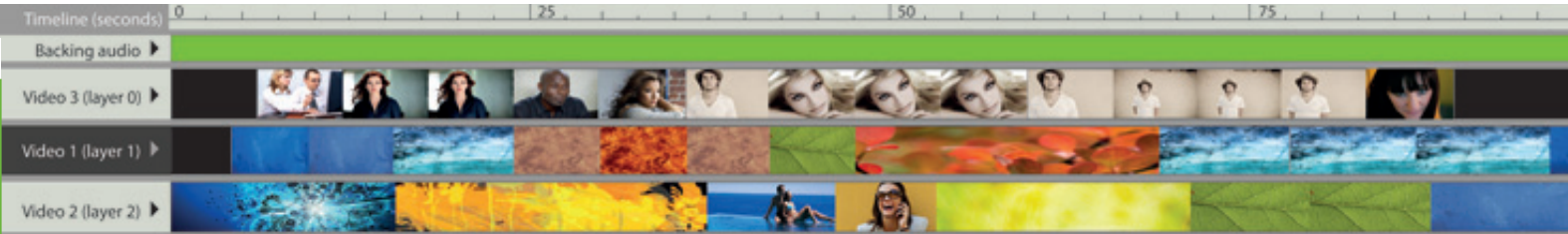


HIGHLIGHTS

- ▶ NAS, iSCSI, IP-SAN storage solution
- ▶ Up to 36 TBs of Storage
- ▶ VMware, Citrix and Hyper-V ready
- ▶ Simple to use and manage
- ▶ 10 GbE reaching over 1,000 MB/s and 100,000 IOPS
- ▶ Multi-core processor, DDR3, SATA 6Gb/s, and USB 3.0



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CX-R12K-NAS

High-Performance, Secure, Rack mount NAS Storage Solution



ENTERPRISE FEATURES

The CX-R12K-NAS supports a number of server business applications.



FILE SERVER

The CX-R12K-NAS allows file sharing cross Windows, Mac, Linux, and UNIX platforms. It also supports WebDAV for easy access to the shared folders via HTTP/HTTPS protocol remotely.



ENCRYPTION

The CX-R12K-NAS is equipped with AES 256-bit encryption for data security.



VIRTUAL HOST SUPPORTED WEB SERVER

Multiple websites can be hosted on the CX-R12K-NAS with the built-in web server and virtual host feature.



FTP SERVER

Administrator can establish an FTP server with the CX-R12K-NAS and share files conveniently with colleagues or customers.



PRINT SERVER

The CX-R12K-NAS offers cross-platform printer sharing over the network and remote printing over the Internet (max. 3 USB printers). IPP (Internet Printing Protocol), print job management, and Bonjour printing for Mac OS X are also supported.



BACKUP SERVER

The CX-R12K-NAS offers complete backup solutions with Apple Time Machine support, remote replication to an Rsync server, and third party backup software support.



DISASTER RECOVERY

As IT systems have become increasingly critical to the smooth operation of a company, and arguably the economy as a whole, the importance of ensuring the continued operation of those systems, or the rapid recovery of the systems has increased.



ENCRYPTED REMOTE REPLICATION

The data on the CX-R12K-NAS can be backed up to, or from, other Turbo NAS or Rsync servers securely on the network.



IPv6

The CX-R12K-NAS supports IPv6 (Internet Protocol Version 6) which makes the NAS a dual-stack IP host running IPv4 and IPv6 at the same time.

SECURE

While data can be unsecure in an open network, CX-R12K-NAS diffuses this risk with a variety of security options such as encrypted access, IP filtering, policy-based automatic IP blocking, and more, practically eliminating the threat of stolen data. In addition, full access of the NAS can be controlled down to the user and folder access rights to determine who can access the NAS and what can or cannot be accessed. The CX-R12K-NAS employs AES 256-bit encryption--the highest level encryption available today--to stop all unauthorized data access. This level of encryption protects sensitive data even if the hard drives are stolen from the array.

HIGH PERFORMANCE

The CX-R12K-NAS features Intel® Xeon E3-1225 3.1GHz Processor, 4GB DDR3 ECC memory, 10 Gigabit network capability, and 6Gb/s SATA satisfying even the most demanding applications. With a data rate of up to 1,000 MB/s data throughput and 100,000 IOPS, intensive business applications and concurrent tasks can be easily fulfilled.

RELIABLE

With multiple built-in features to guarantee no interruptions to work flow, the CX-R12K-NAS is an efficient asset. The advanced RAID configurations and hot-swap capabilities are included to give RAID performance, protection and reduced rebuilding time. The CX-R12K-NAS has dual OS embedded on the DOM architecture—if one of the two operating systems fails, the healthy operating system will boot up and operate normally while repairing the failed OS. The dual Gigabit LAN ports can also be configured for failover which allows the NAS to sustain the failure of one network port while providing continuous service.