



High-Performance, High-Capacity for Multimedia and CCTV Storage

IOGUARD WORM NAS, IP-SAN

Economical

IOGUARD SPX allows capacity expansion by the addition of supplementary appliance units. This is an innovative approach that minimizes the initial investment outlay. It also minimizes TCO as it provides for flexible expansion and easy of usage change in case where the user has not considered future capacity when systems were implemented.

Scalability

IOGUARD SPX provides 600TB of storage capacity and supports unlimited capacity expansion. If the corporation's systems require expansion, it provides an easily scalable configuration of storage capacity. Capacity can be expanded in units up to theoretically infinite storage requirements.

Stability

IOGUARD SPX provides secure of service with both system and power security. Cache data is stored safely with a low potential probability of data loss.

IOGUARD SPX Features:

- High-performance Network-Attached Storage (NAS)
- Optimum NAS OS
- WORM (Write Once Read Many) Volume support
- Scalable server from 600TB to 2.4 PB capacities
- NAS OS with easy to use WebGUI
- Advanced BTRFS, XFS file system
- Supports SMB, CIFS, NFS, SFTP, SSH, and iSCSI
- RAID Disk Monitoring
- POSIX to S3 Cloud Connector
- Disk SMART Monitoring
- Network Bonding
- User Quota and ACL
- Dynamic Volume Resizing
- iSCSI Technology





NAS Model	SPX60	SPX102
Rack Type	1U,2U Rack Mount + 4U60 JBOD	1U,2U Rack Mount + 4U102 JBOD
Hard Disk DriveBays	60	102
Disks	8TB, 10TB, 12TB	8TB, 10TB, 12TB
Data TransferRate	12Gb/s SAS, 6Gb/s SATA	12Gb/s SAS, 6Gb/s SATA
RAID	0, 1, 10, 5, 6, 50, 60, JBOD	0, 1, 10, 5, 6, 50, 60, JBOD
Processors	Intel Xeon CPU x 2, Intel i7 x 1	Intel Xeon CPU x 2, Intel i7 x 1
Physical Memory	Min 32GB, Max 512GB	Min 32GB, Max 512GB
Network Ports	2x1Gbe, 2x10Gbe	2x1Gbe, 2x10Gbe
RAID Bus Adapter	SAS RAID 12Gb/s	SAS RAID 12Gb/s
Power Supply	[JBOD] Dual 1600W, 80+ Platinum 200-240V AC input, auto ranging, 50-60Hz	[JBOD] Dual 1600W, 80+ Platinum 200-240V AC input, auto ranging, 50-60Hz
Power Requirements	Typical: 1.0 KVA, Max: 1.8 KVA	Typical: 1.0 KVA, Max: 1.8 KVA
Weight	4U60 w/o drives: 27.3kg (60lbs) 4U60 w/ 60 HDDs: 79.4kg (175lbs)	4U102 w/o drives: 31.8kg (70lbs) 4U102 w/ 102 HDDs: 118.8kg (262lbs)
Physical Dimensions	Height: 175mm (6.89") Width: 447mm (17.61") Depth: 712mm (28.03") Depth in Rack: Max of 890mm (35.04") w/ dual CMA— includes 24 SAS cables	Height: 175mm (6.89") Width: 447mm (17.61") Depth: 1047mm (41.25") Depth in Rack: Max of 1197mm (47.13") w/ dual CMA— includes 24 SAS cables
Storage Capacity	192TB, 240TB, 288TB, 480TB, 600TB, 720TB	816TB, 1020TB, 1224TB

Case Solution

