

SAB Series Storage Devices

In today's world, an Enterprise's data is considered its most valuable asset. With the ever-growing prevalence of IT in all fields, one of the main concerns for any enterprise is proper storage, security and utilization of its data. To this end, utilizing proper storage devices that provide its required data durability and access speed is a key IT approach for enterprises.

Utilizing powerful Intel Xeon processors and advanced caching, SAB Series storage devices provide high speeds in storing and retrieving data. These devices provide an integrated platform for simultaneous file and block access and with various data transfer protocol (FCoE, Ethernet and iSCSI) support provide a high level of selectibility in terms of Architectural decisions. In addition, using redundancies in various software and hardware levels, modern design, collaboration with reputed hardware manufacturing brands and also implementation of advanced and smart features in accordance with latest cutting edge technologies in these devices creates a safe, fast, reliable and flexible platform for enterprise data storage.

- » Intelligent storage device with advanced features
 - » Highly competitable against leading brands
 - » 24x7 direct manufacturer support
 - » Disaster data recovery
 - » High security in storing organization data
 - » Complete device performance guarantee
 - » Compatible with all common SAN Switches.
 - » Various communications protocol support (FCoE, Ethernet, iSCSI)

Benefits

SAB Series AFA model

SAB AFA Devices utilize the latest SSD technologies to deliver very high speeds in data access and management to Enterprises. These products are essential to enterprises who need the very fast information storage and retrieval.

Benefits

- Best suited for large enterprises with high online transaction rates.
- %99.999 Availability
- Up to 500K IOPs data access speed
- Suitable for Database, Virtual Machines, Enterprise System, Cloud Computing Applications and Deep Learning
- Tailored for Latency-Sensitive Environments

SAB Series HB model

SAB-HB storage devices provide high performance and reliability for enterprises and create a suitable platform for enterprise data storage through fast data access, security and scalability.

SAB HB Storage devices provide high performance and reliability for organizations and :

Benefits

- Suitable for medium and large enterprises
- A well Balanced Solution for all enterprise applications
- %99.999 Availability
- Up to 400K IOPs data access speed
- Suitable for Database, Virtual Machines, Virtual Desktops and Cloud Computing Applications
- Device Performance Guarantee

SAB Series DT model

SAB-DT storage devices were designed specifically for security camera video logs and backup systems. Various protocols and video format support and compatibility with more than 100 security camera brands has made SAB-DT a smart choice for organization security footage vault. In Addition, these devices are considered a strategic choice for Disk Based Backup Repository in organizations.

Benefits

- Specifically configured for Video Recording and Backup
- %99.99 Availability
- Up to 5000Mbps data access speed
- High security in storing organization data
- Affordable Solution

Device Models and Specifications

Specifications	SAB-DT-50	SAB-DT-100	SAB-DT-300	SAB-HB-150	SAB-HB-250	SAB-HB-500	SAB-AFA-150	SAB-AFA-250	SAB-AFA-500
Max No. of Drives	48	100	300	150	250	500	150	250	500
CPU	Intel 8-core, 2.1GHz			2 x Intel 8-core, 2.1GHz			2 x Intel 10-core, 2.2GHz		
Memory	16G (Upgradable)	16G (Upgradable)	32G	32G	64G	128G	64G	128G	256G
ConnectionProtocols	FC(Block)/NFS/CIFS								
Max Flash Cache Size	1 TB	2 TB	4 TB	2 TB	4 TB	8 TB	-----		
Max RAW Capacity	0.74 PB	1.5 PB	4.6 PB	2.3 PB	3.9 PB	7.8 PB	2.3 PB	3.9 PB	7.8 PB
Disk Support	NL-SAS, SAS			SSD/SAS/NL-SAS			SSD		
Redundancy	Dual paths, Redundant Powers			Dual Paths, Dual Controllers (Active/Passive), Redundant Powers			Dual controller, Dual paths, Redundant components		
FC ports	8G/16G/32G								
iSCSI, TCP/IP support	1G/10G/40G								
Features	Snapshot, Second Level Cache, LDAP and Kerberos Authentication Support								
	<ul style="list-style-type: none"> • Cloud Backup as Upstream Tier • RSTP Support • Various Video Stream Recording Encodings Support • Quota Support • Remote Site Replication 			<ul style="list-style-type: none"> • Thin Provisioning • VMware Advanced Integration • NFS V3/V4 Support • LUN Migration • LUN Copy • Remote Replication • Auto-Tiering 			<ul style="list-style-type: none"> • Thin Provisioning • VMware Advanced Integration • NFS V3/V4 Support • LUN Migration • LUN Copy • Remote Replication 		