



Power on/off and system reset, 1 x USB 3.0 ports



12 x 3.5" hot swap tool-less drive trays  
(fits 2.5" drives with use of screws)

## Features :

### iSCSI Host Interface

- Concurrent I/O commands
- 32 maximum TCQ (Tagged Command Queuing)
- Port trunking (teaming)
- Jumbo frame
- Enablement of web management interface for a specific Ethernet interface

### NAS Host Interface

- SMB/CIFS
- FTP
- AD/LDAP (future implementation)
- NFS (future implementation)
- SSD Caching (future implementation)

## SPECIFICATIONS

<b>General</b>	OS Support	Microsoft Windows: Vista, 7, 8, 10, 2003, 2008 and 2012; Linux: RedHat, SuSE, Ubuntu, CentOS	
	Ethernet	Default	4 x Gigabit LAN ports
		Add-On	2 x 10G Base-T/SFP+ ports
	Expansion Interface	2 x Mini SAS HD (SFF-8644)	
	Processor	Intel® Core™ i5 (dual-core)	
System Memory	8GB DDR4 ECC UDIMM		
<b>Drives Supported</b>	Drive Interface	12Gb/s SAS & 6Gb/s SAS/SATA	
	Form Factor	3.5"	
	Hot-swap Bays	12	
	Maximum Capacity	Up to 120 drives through AIC JBODs (Users should determine the number of drives used based on the requirement for performance)	
<b>Administration / Management</b>	Drives	<ul style="list-style-type: none"> <li>- Read/write caching on/off switch</li> <li>- S.M.A.R.T. and NCQ support</li> <li>- Automatic bad sector reassignment</li> </ul>	
	RAID	<ul style="list-style-type: none"> <li>- RAID levels: Linear, 0, 1 (0+1), 5, 6, 10, 50 and 60</li> <li>- Dedicated (local) or global hot-spare</li> <li>- Quick initialization</li> <li>- Configurable chunk size per RAID</li> <li>- 16EB maximum volume size and up to 64 partitions per RAID</li> <li>- On line RAID level migration: RAID 1 -&gt; RAID 5, RAID 5 -&gt; RAID 6, RAID 6 -&gt; RAID 5</li> </ul>	
<b>Administration / Management</b>	Logical Volume	<ul style="list-style-type: none"> <li>- Up to 1024 LUNs</li> <li>- Online capacity expansion (add new drives or replace current drives with larger capacity ones)</li> <li>- Online capacity shrink</li> <li>- Supports read-only, write-back and write-through modes per LUN</li> <li>- Supports snapshot (# of LVs + # of snapshots &lt;= 64)</li> <li>- Remote replication</li> </ul>	
		Event Notification Email	<ul style="list-style-type: none"> <li>- Error/warning messages</li> <li>- RAID rebuild termination / completion</li> </ul>
	SNMP	<ul style="list-style-type: none"> <li>- Error/warning messages</li> <li>- RAID rebuild termination / completion</li> </ul>	
	Enclosure	<ul style="list-style-type: none"> <li>- Backplane temperature</li> <li>- Backplane voltage</li> <li>- Motherboard temperature</li> <li>- Fan speed</li> <li>- Power supply module status</li> </ul>	
<b>Physical Specification</b>	Dimensions (W x D x H) (with chassis ears)	mm : 483 x 645 x 88	
		inches : 19 x 25.4 x 3.5	