

The 2U 12-bay entry-level 6G JBOD is ideal for high-availability storage and high performance appliance. This enclosure supports two 6G expander modules for redundancy and 12x 6G (backplane support) SAS/SATA hard disk bays. It's the perfect appliance building-block for OEM/ODM and System Integrators.

Features :

- 12 x 6G SAS/SATA hard disk bays with lock
- 2 x hot-swap blowers
- Hot-swap 500W 12V high-efficiency redundant power supply module
- 2 x 24Gb/s Mini SAS ports with single expanders
4 x 24Gb/s Mini SAS ports with dual expanders (Optional)
- Serial port for console monitoring



• TOP VIEW •



Hot-swap 500W 12V high-efficiency redundant power supply module

• REAR VIEW •

2 x 24Gb/s Mini SAS ports with single expanders
4 x 24Gb/s Mini SAS ports with dual expanders



Serial port for console monitoring

• FRONT VIEW •

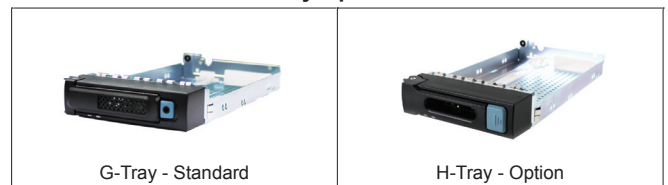
12 x 6G SAS/SATA hard disk bays with lock



SPECIFICATIONS

General :	Number of Expander	Single/Dual (Optional)		
	Expander Chip	LSISAS2x28		
	Host Interface	Single Mini SAS 4x connector		
	Expansion Interface	Single Mini SAS 4x connector		
	Transfer Bandwidth	2,400MB/s per connector		
Drives Supported :	Drive Interface	3.0/6.0 Gb dual ported SAS, 1.5/3.0/6.0 Gb single ported SATA		
	Drive RPM	Up to 15,000		
	Form Factor	3.5", 1" height		
Administration / Management :	Admin/Firmware Upgrade	In-band & Out-of-band Serial port via Hyperterminal		
	LED Indicators, Audible Alarm	Yes		
Hot-swap and Redundancy :	Disk Drive	Hot-swap 12-bay		
	Cooling	2 x hot-swap blowers		
	Power Supply	500W 1+1 hot-swap redundant 80+ (Silver)		
	Power Entry	Dual AC Inlet		
Electrical and Environmental :	Universal A/C Input	100~240V AC full range		
	Operating Environment	Temperature 0°C to 35°C Relative humidity 20% to 80%		
	Non-operating Environment	Temperature -20°C to 60°C Relative humidity 10% to 90%		
Physical Specification :	Dimensions (W x D x H) (with chassis ears)	mm : 482.6 x 481 x 88.8		
		inches : 19 x 19 x 3.5		
	Gross Weight (w/ PSU; w/o Rail & Disks)	23 kgs / 50.6 lbs		
	Cubic Feet	4.5		
		Reference Container Loading	20'	210
			40'	435
	Mounting Option	Adjust plate or 20" tool-less rail (optional)		

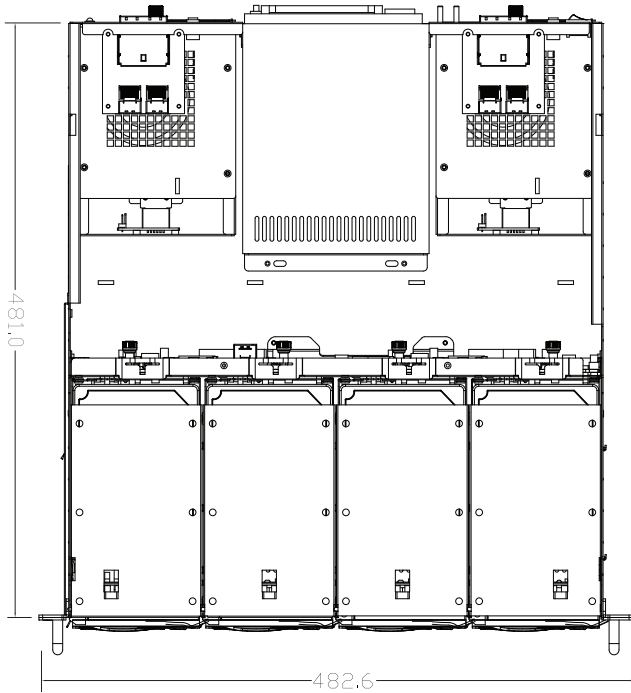
Tray Options



G-Tray - Standard

H-Tray - Option

Mechanical Drawing



SAS / SATA / SSD HDD Compatibility Report

SAS / SATA / SSD HDD					
Manufacturer	Size	Model	Interface	Capacity (GB)	FW version
Seagate	3.5"	ST3600057SS	SAS 6G	600	006
Seagate	3.5"	ST3000NC002	SATA 6G	3000	CN01
Seagate	3.5"	ST3000NC000	SATA 6G	3000	CNS1
Seagate	3.5"	ST2000VX000	SATA 6G	2000	CV22
Seagate	3.5"	ST2000NM0023	SAS 6G	2000	A001
Seagate	3.5"	ST4000NM0023	SAS 6G	4000	0001
Seagate	3.5"	ST4000NC001	SATA 6G	4000	CN02
Seagate	3.5"	ST4000NM0033	SATA 6G	4000	SN03
WD	3.5"	WD1500HLHX	SATA 6G	150	04.05G04
WD	3.5"	WD1003FBYX	SATA 3G	1000	01.01V02
WD	3.5"	WD2003FBYX	SATA 3G	2000	01.01D02
WD	3.5"	WD3000HLFS	SATA 3G	300	04.04V01
WD	3.5"	WD1000FYYG	SAS 6G	1000	BG03
WD	3.5"	WD4000FYYZ	SATA 6G	4000	1K01
WD	3.5"	WD4001FYYG	SAS 6G	4000	VR02
WD	3.5"	WD2000FYYZ	SATA 6G	4000	1K01
WD	3.5"	WD3000FYYZ	SATA 6G	3000	1K01
WD	3.5"	WD1001FYYG	SAS 6G	1000	VR02
WD	3.5"	WD20EFRX	SATA 6G	2000	0A80
WD	3.5"	WD4000F9YZ	SATA 6G	4000	1A01
Hitachi	3.5"	HUA723030ALA640	SATA6G	3000	
Hitachi	3.5"	HUS724040ALE640	SATA6G	4000	3B0
Hitachi	3.5"	HUS724030ALE640	SATA6G	3000	3B0
Hitachi	3.5"	HUS156060VLS600	SAS6G	600	A5D0
Hitachi	3.5"	HUS153030VLS300	SAS3G	300	A72e
Hitachi	3.5"	HUS154545VLS300	SAS3G	450	A570
Hitachi	3.5"	HUS723030ALS640	SAS6G	3000	A222
Hitachi	3.5"	HMS5C4040ALE640	SATA6G	4000	3W0
Hitachi	3.5"	HUS724040ALA640	SATA6G	4000	A8B0
Hitachi	3.5"	HUS724040ALS640	SAS6G	4000	A152
Toshiba	3.5"	HDS723030BLE640	SATA 6G	3000	AAB0
Fujitsu	3.5"	MAX3147RC	SAS 3G	146	0104
Fujitsu	3.5"	MAX3073RC	SAS 3G	74	0102
Fujitsu	3.5"	MBA3300RC	SAS 3G	300	0103
Toshiba	3.5"	MK1002TSKB	SAS 6G	1000	
Toshiba	3.5"	AL13SEL900	SAS 6G	900	
Toshiba	3.5"	MG03SCA400	SAS 6G	4000	

SAS HBA / RAID CARD Compatibility Report

SAS HBA / RAID CARD				
Manufacturer	SAS HBA/RAID Card Model	Throughput per port	FW vesion	BIOS version
Intel	RS2PI008	6GB/s	Ver.2.130.03.1332	Ver.3.20.00_4.11.05.00
Intel	R2BL080DE	6GB/s	Ver.2.130.03.1333	Ver.3.20.00_4.11.05.01
Intel	RS2MB004	6GB/s	Ver.2.130.03.1334	Ver.3.20.00_4.11.05.02
LSI	9280-16i4e	6GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
LSI	9280-24i4e	6GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
LSI	9265-8i	6GB/s	Ver.3.190-25-1776	Ver.5.33.00_4.12.05.00
LSI	9260-16i	6GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
LSI	9260-4i	6GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
LSI	8888ELP	3GB/s	Ver.1.40.252-1113	Ver.2.07.00
Adaptec	ASR-6445	6GB/s	Ver.5.2.0(19076)	Ver. 5.2.0 (19076)
Adaptec	ASR-6405	6GB/s	Ver.5.2.0(19076)	Ver. 5.2.0 (19076)
Adaptec	ASR-5085	3GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
Adaptec	ASR-5445	3GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
Adaptec	ASR-51645	3GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12.05.00
Adaptec	ASR-7085H	6GB/s	Ver.7.1-0 (30040)	Ver.7.1-0 (30040)
Adaptec	ASR-78165	6GB/s	Ver.7.1-0 (30040)	Ver.7.1-0 (30040)
ATTO	R680	6GB/s	Ver.2.71	Ver.2012_06_11
ATTO	R608	6GB/s	Ver.2.71	Ver.2012_06_11
ATTO	R380	3GB/s	Ver.3.76	N/A
3Ware	9750-8E	6GB/s	Ver.FH9X 5.12.00.007	Ver. BE9X 5.11.00.006
Areca	1880IXL-12	6GB/s	Ver.1.51 2012-07-04	Ver.1.22f 2012-03-22
Areca	1882IX-16	6GB/s	Ver.1.51 2012-07-04	Ver.1.22f 2012-03-22
LSI	9211-8i	6GB/s	Ver.14.00.00.00	Ver.07.27.00.00
LSI	9207-8e	6GB/s	Ver.14.00.00.00	Ver.07.27.00.00
LSI	9201-16e	6GB/s	Ver.14.00.00.00	Ver.07.27.00.00
LSI	9205-8e	6GB/s	Ver.14.00.00.00	Ver.07.27.00.00
LSI	3801E	3GB/s	Ver.2.130.353-1663	Ver.3.24.00_4.12