



Storage Adapters

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Nytro Application Acceleration Solutions

Nytro	Row	NYTRO WARPDRIVE CARD					NYTRO XD SOLUTION		NYTRO MegaRAID CARD			
		1	NWD-WLP4-200	NWD-WLP4-400	NWD-BLP4-400	NWD-BLP4-800	NWD-BLP4-1600	NXD BLP4-400	NXD BLP4-800	NMR 8100-4i	NMR 8110-4i	NMR 8120-4i
Ordering Part No.	2	LSI00323	LSI00324	LSI00318	LSI00319	LSI00320	LSI00325	LSI00352	LSI00350	LSI00351	LSI00353	LSI00355
PKG	3	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only	Kit Only
Host Bus Type	4	PCI Express 2.0 x8	PCI Express 2.0 x8	PCI Express 2.0 x8	PCI Express 2.0 x8	PCI Express 2.0 x8	PCI Express 2.0 x8	PCI Express 2.0 x8	PCI Express 3.0 x8	PCI Express 3.0 x8	PCI Express 3.0 x8	–
Channel/Ports	5	–	–	–	–	–	–	–	4	4	4	–
I/O Processor	6	–	–	–	–	–	–	–	LSI SAS2208	LSI SAS2208	LSI SAS2208	–
Internal Connector	7	–	–	–	–	–	–	–	1 x SAS SFF 8087 x4	1 x SAS SFF 8087 x4	1 x SAS SFF 8087 x4	–
Cache Protection Options	8	–	–	–	–	–	–	–	Nytro MegaRAID SCM01	Nytro MegaRAID SCM01	Nytro MegaRAID SCM01	–
Memory	9	200 GB SLC	400 GB SLC	400 GB eMLC	800 GB eMLC	1600 GB eMLC	400 GB eMLC	eMLC	100 GB SLC	200 GB eMLC	800GB eMLC	–
No. of Drives Supported	10	–	–	–	–	–	–	–	128	128	128	–
RAID Levels Supported	11	–	–	–	–	–	–	–	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	0, 1, 5, 6, 10, 50, 60	–
Cable(s) Included in Kit	12	–	–	–	–	–	–	–	No	No	No	–
Form Factor	13	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile	Low Profile	–
Description	14	The Nytro WarpDrive NWD-WLP4-200, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The Nytro WarpDrive NWD-WLP4-400, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The Nytro WarpDrive NWD-BLP4-400, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The Nytro WarpDrive NWD-BLP4-800, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The Nytro WarpDrive NWD-BLP4-1600, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The Nytro NXD-BLP4-400, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The Nytro NXD-BLP4-800, low profile, small form factor PCIe 2.0 enterprise NAND flash card in single and retail kit configurations	The LSI Nytro MegaRAID NMR 8100-4i, 100GB NAND flash, Low profile, MD2, x8 PCIe 3.0, x4 SAS ports with automatic hot spot data caching	The LSI Nytro MegaRAID NMR 8110-4i, 200GB NAND flash, Low profile, MD2, x8 PCIe 3.0, x4 SAS ports with automatic hot spot data caching	The LSI Nytro MegaRAID NMR 8120-4i, 800GB NAND flash, Low profile, MD2, x8 PCIe 3.0, x4 SAS ports with automatic hot spot data caching	Optional SuperCap kit for DRAM Cache Protection for the LSI Nytro MegaRAID NMR 8100-4i, 8110-4i, and 8120-4i
Application	15	Write Intensive	Write Intensive	Balanced Reads and Writes	Balanced Reads and Writes	Balanced Reads and Writes	Balanced Reads and Writes across data with significant hot spots	Balanced Reads and Writes across data with significant hot spots	Balanced Reads and Writes across data with significant hot spots	Balanced Reads and Writes across data with significant hot spots	Balanced Reads and Writes across data with significant hot spots	Balanced Reads and Writes across data with significant hot spots
Kit Contents	16	NWD-WLP4-200, USB drive with drivers, software and documentation, One Full Height Bracket	NWD-WLP4-400, USB drive with drivers, software and documentation, One Full Height Bracket	NWD-BLP4-400, USB drive with drivers, software and documentation, One Full Height Bracket	NWD-BLP4-800, USB drive with drivers, software and documentation, One Full Height Bracket	NWD-BLP4-1600, USB drive with drivers, software and documentation, One Full Height Bracket	NWD-BLP4-400, USB drive with drivers, software and documentation, One Full Height Bracket	NWD-BLP4-800, USB drive with drivers, software and documentation, One Full Height Bracket	NMR-8100-4i, USB drive with drivers, software and documentation, One Full Height Bracket	NMR-8110-4i, USB drive with drivers, software and documentation, One Full Height Bracket	NMR-8120-4i, USB drive with drivers, software and documentation, One Full Height Bracket	–

MegaRAID® Solutions

Row	MegaRAID	Ordering Part No.	PKG	Host Bus Type	Channel/Ports	I/O Processor	External Connector	Internal Connector	Cache Protection Option	Memory (MB)	No. of Drives Supported	RAID Levels	Cable(s) Included in Kit
6 Gb/s SATA+SAS RAID CONTROLLERS													
1	MegaRAID SAS 9280-24i4e	LSI00211	SGL	PCI Express 2.0 x8	28	LSI SAS2108 ROC	1 x SAS SFF-8088 x4	6 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512MB	240	0, 1, 5, 6, 10, 50, 60	N/A
2	MegaRAID SAS 9280-16i4e	LSI00210	SGL	PCI Express 2.0 x8	20	LSI SAS2108 ROC	1 x SAS SFF-8088 x4	4 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512MB	240	0, 1, 5, 6, 10, 50, 60	N/A
3	MegaRAID SAS 9286CV-8e	LSI00333	SGL	PCI Express 3.0 x8	8	LSISAS2208 ROC	2 x SAS SFF-8088 x4	N/A	CacheVault Included	1GB	240	0, 1, 5, 6, 10, 50, 60	N/A
4	MegaRAID SAS 9286CV-8eCC	LSI00335	SGL	PCI Express 3.0 x8	8	LSISAS2208 ROC	2 x SAS SFF-8088 x4	N/A	CacheVault Included	1GB	240	0, 1, 5, 6, 10, 50, 60	N/A
5	MegaRAID SAS 9285CV-8e	LSI00298	SGL	PCI Express 2.0 x8	8	LSISAS2208 ROC	2 x SAS SFF-8088 x4	N/A	CacheVault Included	1GB	240	0, 1, 5, 6, 10, 50, 60	N/A
6	MegaRAID SAS 9286-8e	LSI00322	SGL	PCI Express 3.0 x8	8	LSISAS2208 ROC	2 x SAS SFF-8088 x4	N/A	LSiIBBU09	1GB	240	0, 1, 5, 6, 10, 50, 60	N/A
7	MegaRAID SAS 9285-8e	LSI00284	SGL	PCI Express 2.0 x8	8	LSISAS2208 ROC	2 x SAS SFF-8088 x4	N/A	LSiIBBU09	1GB	240	0, 1, 5, 6, 10, 50, 60	N/A
8	MegaRAID SAS 9280-8e	LSI00205	SGL	PCI Express® 2.0 x8	8	LSI SAS2108 ROC	2 x SAS SFF-8088 x4	N/A	LSiIBBU07 or LSiIBBU08	512	240	0, 1, 5, 6, 10, 50, 60	N/A
9	MegaRAID SAS 9280-4i4e	LSI00209	SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	1 x SAS SFF-8088 x4	1 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512	240	0, 1, 5, 6, 10, 50, 60	N/A
10	MegaRAID SAS 9260-16i	LSI00208	SGL	PCI Express 2.0 x8	16	LSI SAS2108 ROC	N/A	4 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512	128	0, 1, 5, 6, 10, 50, 60	N/A
11	MegaRAID SAS 9271-8i	LSI00331 LSI00330	KIT SGL	PCI Express 3.0 x8	8	LSISAS2208 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU09 or LSiCVM01	1GB	128	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
12	MegaRAID SAS 9271-8iCC	LSI00334	SGL	PCI Express 3.0 x8	8	LSISAS2208 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU09 or LSiCVM01	1GB	128	0, 1, 5, 6, 10, 50, 60	N/A
13	MegaRAID SAS 9270-8i	LSI00327 LSI00326	KIT SGL	PCI Express 3.0 x8	8	LSISAS2208 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU09	1GB	128	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
14	MegaRAID SAS 9266-8i	LSI00296 LSI00295	KIT SGL	PCI Express 2.0 x8	8	LSISAS2208 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU09 or LSiCVM01	1GB	128	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
15	MegaRAID SAS 9265-8i	LSI00278 LSI00277	KIT SGL	PCI Express 2.0 x8	8	LSISAS 2208 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU09	1GB	128	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
16	MegaRAID SAS 9260CV-8i	LSI00283 LSI00282	KIT SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	CacheVault	512	128	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
17	MegaRAID SAS 9260-8i	LSI00202 LSI00198	KIT SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512	128	0, 1, 5, 6, 10, 50, 60	Two Mini-SAS to (4) SATA
18	MegaRAID SAS 9261-8i	LSI00212	SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512	128	0, 1, 5, 6, 10, 50, 60	N/A
19	MegaRAID SAS 9271-4i	LSI00329 LSI00328	KIT SGL	PCI Express 3.0 x8	4	LSISAS2208 ROC	N/A	2 x SAS SFF-8087 x4	LSiIBBU09 or LSiCVM01	1GB	128	0, 1, 5, 6, 10, 50, 60	One Mini-SAS to (4) SATA
20	MegaRAID SAS 9266-4i	LSI00306 LSI00305	KIT SGL	PCI Express 2.0 x8	4	LSISAS2208 ROC	N/A	1 x SAS SFF-8087 x4	LSiIBBU09 or LSiCVM01	1GB	128	0, 1, 5, 6, 10, 50, 60	One Mini-SAS to (4) SATA
21	MegaRAID SAS 9260CV-4i	LSI00281 LSI00280	KIT SGL	PCI Express 2.0 x8	4	LSI SAS2108 ROC	N/A	1 x SAS SFF-8087 x4	CacheVault	512	128	0, 1, 5, 6, 10, 50, 60	One Mini-SAS to (4) SATA
22	MegaRAID SAS 9260-4i	LSI00201 LSI00197	KIT SGL	PCI Express 2.0 x8	4	LSI SAS2108 ROC	N/A	1 x SAS SFF-8087 x4	LSiIBBU07 or LSiIBBU08	512	128	0, 1, 5, 6, 10, 50, 60	One Mini-SAS to (4) SATA
23	MegaRAID SAS 9240-8i	LSI00204 LSI00200	KIT SGL	PCI Express 2.0 x8	8	LSISAS2008	N/A	2 x SAS SFF-8087 x4	N/A	N/A	64	0, 1, 5, 10, 50, JBOD	Two Mini-SAS to (4) SATA
24	MegaRAID SAS 9240-4i	LSI00203 LSI00199	KIT SGL	PCI Express 2.0 x8	4	LSISAS2008	N/A	1 x SAS SFF-8087 x4	N/A	N/A	64	0, 1, 5, 10, 50, JBOD	One Mini-SAS to (4) SATA

3ware® Solutions

Row	3ware	Ordering Part No.	PKG	Host Bus Type	Channel/ Ports	I/O Processor	External Connector	Internal Connector	Battery Option	Memory (MB)	No. of Drives Supported	RAID Levels	Cable(s) Included in Kit
6Gb/s SATA+SAS RAID CONTROLLERS													
1	3ware SAS 9750-24i4e	LSI00253 LSI00251	KIT SGL	PCI Express 2.0 x8	28	LSI SAS2108 ROC	1 x SAS SFF-8088 x4	6 x SAS SFF-8087 x4	LSIiBBU07	512	127	0, 1, 5, 6, 10, 50, and Single Disk	(6) CBL-SFF8087SB-08M 80cm Multi-lane SATA+SAS with Sideband (1) CBL-SFF8088SAS-10M 1m Multi-lane SATA+SAS
2	3ware SAS 9750-16i4e	LSI00254 LSI00252	KIT SGL	PCI Express 2.0 x8	20	LSI SAS2108 ROC	1 x SAS SFF-8088 x4	4 x SAS SFF-8087 x4	LSIiBBU07	512	127	0, 1, 5, 6, 10, 50, and Single Disk	(4) CBL-SFF8087SB-08M 80cm Multi-lane SATA+SAS with Sideband (1) CBL-SFF8088SAS-10M 1m Multi-lane SATA+SAS
3	3ware SAS 9750-8e	LSI00250 LSI00243	KIT SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	2 x SAS SFF-8088 x4	N/A	LSIiBBU07	512	127	0, 1, 5, 6, 10, 50, and Single Disk	(2) CBL-SFF8088SAS-10M 1m Multi-lane SATA+SAS
4	3ware SAS 9750-4i4e	LSI00241 LSI00242	KIT SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	1 x SAS SFF-8088 x4	1 x SAS SFF-8087 x4	LSIiBBU07	512	127	0, 1, 5, 6, 10, 50, and Single Disk	(1) CBL-SFF8087SB-08M 80cm Multi-lane SATA+SAS with Sideband (1) CBL-SFF8088SAS-10M 1m Multi-lane SATA+SAS
5	3ware SAS 9750-8i	LSI00213 LSI00214	KIT SGL	PCI Express 2.0 x8	8	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	LSIiBBU07	512	127	0, 1, 5, 6, 10, 50, and Single Disk	(2) CBL-SFF8087-06M 60cm Multi-lane SATA+SAS
6	3ware SAS 9750-4i	LSI00215 LSI00216	KIT SGL	PCI Express 2.0 x8	4	LSI SAS2108 ROC	N/A	2 x SAS SFF-8087 x4	LSIiBBU07	512	127	0, 1, 5, 6, 10, 50, and Single Disk	(1) CBL-SFF8087-06M 60cm Multi-lane SATA+SAS
3Gb/s SATA RAID CONTROLLERS													
7	3ware 9650SE-24M8	9650SE-24M8-KIT 9650SE-24M8-SGL	KIT SGL	PCI Express x8	24	Full height	N/A	Multi-lane custom hybrid	BBU-MODULE-04, BBU-MODULE-03	512	24	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(3) CBL-M8ML-06M 0.6m multi-lane M8-to-SFF8087 "Y" cables
8	3ware 9650SE-16ML	9650SE-16ML-KIT 9650SE-16ML-SGL	KIT SGL	PCI Express x8	16	Full height	N/A	4 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	16	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(4) CBL-SFF8087OCF-06M 60cm multi-lane breakout cables
9	3ware 9650SE-12ML	9650SE-12ML-KIT 9650SE-12ML-SGL	KIT SGL	PCI Express x8	12	Full height	N/A	3 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	12	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(3) CBL-SFF8087OCF-06M 60cm multi-lane breakout cables
10	3ware 9650SE-8LPML	9650SE-8LPML-KIT 9650SE-8LPML-SGL	KIT SGL	PCI Express x4	8	Low profile	N/A	2 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	8	0, 1, 5, 6, 10, 50, Single Disk, JBOD	(2) CBL-SFF8087OCF-06M 60cm multi-lane breakout cables
11	3ware 9650SE-4LPML	9650SE-4LPML-KIT 9650SE-4LPML-SGL	KIT SGL	PCI Express x4	4	Low profile	N/A	1 x SAS SFF-8087 x4	BBU-MODULE-04, BBU-MODULE-03	256	4	0, 1, 5, 10, Single Disk, JBOD	(1) CBL-SFF8087OCF-06M 60cm multi-lane breakout cable
12	3ware 9650SE-2LP	9650SE-2LP-KIT 9650SE-2LP-SGL	KIT SGL	PCI Express x1	2	Low profile	N/A	2 x 7-pin SATA	N/A	128	2	0, 1, Single Disk, JBOD	(2) CBL-SATA-39 1m SATA cables

Host Bus Adapter Solutions

Row	HBA	Ordering Part No.	PKG	Host Bus Type	Channel/Ports	Bootable	External Connector	Internal Connector	No. of Devices Supported	Form Factor	Transfer Rate/Sec	RAID Levels	Cable(s) Included in Kit
6 Gb/s SATA+SAS HBAs													
1	LSI SAS 9207-8e	LSI00300	SGL	PCI Express 3.0 x8	8	Yes	2 x SFF8088	N/A	1024	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A (Active cable supported)
2	LSI SAS 9207-8i	LSI00302 LSI00301	KIT SGL	PCI Express 3.0 x8	8	Yes	N/A	2 x SAS SFF-8087 x4	256	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	Two Mini-SAS to Four SAS
3	LSI SAS 9207-4i4e	LSI00304 LSI00303	KIT SGL	PCI Express 3.0 x8	8	Yes	1 x SAS SFF-8088 x4	1 x SAS SFF-8087 x4	256	Low-Profile	4.8 GB/s (Full Duplex)	JBOD	One Mini-SAS to Four SAS
4	LSI SAS 9206-16e	LSI00299	SGL	PCI Express 3.0 x8	16	Yes	4 x SFF8644	N/A	1024	Low-profile MD2	6.4 GB/s (Full Duplex)	JBOD	N/A (Active cable supported)
5	LSI SAS 9201-16e	LSI00276	SGL	PCI Express 2.0 x8	16	Yes	4 x SAS SFF-8088 x4	N/A	1024	Full-Height	4.8 GB/s (Full Duplex)	JBOD	N/A (Active cable supported)
6	LSI SAS 9205-8e	LSI00285	SGL	PCI Express 2.0 x8	8	Yes	2 x SFF8088	N/A	1024	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A
7	LSI SAS 9200-8e	LSI00188	SGL	PCI Express 2.0 x8	8	Yes	2 x SAS SFF-8088 x4	N/A	512	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A
8	LSI SAS 9212-4i4e	LSI00193 LSI00192	KIT SGL	PCI Express 2.0 x8	8	Yes Yes	1 x SAS SFF-8088 x4	4 x SATA x1	256	Low-Profile	4.8 GB/s (Full Duplex)	0, 1, 1E, 10, JBOD	(1) 4 x1 SATA connectors to x4 SAS
9	LSI SAS 9201-16i	LSI00244	SGL	PCI Express x8	8	Yes	N/A	4 x SAS SFF-8087 x4	512	Full-Height, half-length	4.8 GB/s (Full Duplex)	JBOD	N/A
10	LSI SAS 9211-8i	LSI00195 LSI00194	KIT SGL	PCI Express 2.0 x8	8	Yes	N/A	2 x SAS SFF-8087 x4	256	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, 10, JBOD	Two Mini-SAS to Four SAS
11	LSI SAS 9211-4i	LSI00191 LSI00190	KIT SGL	PCI Express 2.0 x8	4	Yes	N/A	1 x SAS SFF-8087 x4	256	Low-profile MD2	2.4 GB/s (Full Duplex)	0, 1, 1E, 10, JBOD	One Mini-SAS to Four SAS
3 Gb/s SATA+SAS HBAs													
12	LSISAS3442E-R	LSI00110 LSI00167	KIT SGL	PCI Express x8	8	Yes	1 x SAS SFF-8470 x4	1 x SAS SFF-8484 x4	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	One SAS to SAS, One SAS to SATA
13	LSISAS3041E-R	LSI00112 LSI00168	KIT SGL	PCI Express x4	4	Yes	N/A	4 x SATA x1	122	Low-profile MD2	2.4 GB/s (Full Duplex)	0, 1, 1E, JBOD	Four x1 SATA to SAS, Four x1 SATA to SATA
14	LSISAS3081E-R	LSI00151 LSI00182	KIT SGL	PCI Express x8	8	Yes	N/A	2 x SAS SFF-8087 x4	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	Two Mini-SAS to Four SAS
15	LSISAS3801E	LSI00138	SGL	PCI Express x8	8	Yes	2 x SAS SFF-8088 x4	N/A	244	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A
16	LSISAS3442X-R	LSI00100 LSI00164	KIT SGL	64-bit, 133MHz PCI-X	8	Yes	1 x SAS SFF-8470	2 x SAS SFF-8484	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	One SAS to SAS, One SAS to SATA
17	LSISAS3041X-R	LSI00033-F LSI00166	KIT SGL	64-bit, 133MHz PCI-X	4	Yes	N/A	4 x SATA x1	122	Low-profile MD2	2.4 GB/s (Full Duplex)	0, 1, 1E, JBOD	Four x1 SATA to SAS, Four x1 SATA to SATA
18	LSISAS3080X-R	LSI00117 LSI00165	KIT SGL	64-bit, 133MHz PCI-X	8	Yes	N/A	2 x SAS SFF-8484	244	Low-profile MD2	4.8 GB/s (Full Duplex)	0, 1, 1E, JBOD	Two SAS to SAS
19	LSISAS3801X	LSI00124	SGL	64-bit, 133MHz PCI-X	8	Yes	2 x SAS SFF-8088 x4	N/A	122	Low-profile MD2	4.8 GB/s (Full Duplex)	JBOD	N/A

Cables

Row	Cable P/N	Cable Name	Length	Connector to Connector		Compatible Controllers
				To Controller	To Drives/Backplane	
1	LSIO0336	CBL-SFF8644-8088-10M	1.0m	SFF-8644	SFF-8088	9206-16e
2	LSIO0337	CBL-SFF8644-8088-20M	2.0m	SFF-8644	SFF-8088	9206-16e
3	LSIO0338	CBL-SFF8644-8088-60M	6.0m	SFF-8644	SFF-8088	9206-16e
4	LSIO0339	CBL-SFF8644-10M	1.0m	SFF-8644	SFF-8644	9206-16e
5	LSIO0340	CBL-SFF8644-20M	2.0m	SFF-8644	SFF-8644	9206-16e
6	LSIO0341	CBL-SFF8644-60M	6.0m	SFF-8644	SFF-8644	9206-16e
7	LSIO0249	CBL-SFF8087SB-08M	0.8m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
8	LSIO0255	CBL-SFF8087SB-05M	0.5m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
9	LSIO0256	CBL-SFF8087SB-06M	0.6m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
10	CBL-SFF8088SAS-10M	CBL-SFF8088SAS-10M	1.0m	SFF-8088	SFF-8088	9750 (-8e, -4i4e, -16i4e, -24i4e), 9280 (-8e, -4i4e, -16i4e, -24i4e), 9285-8e, 9286 (-8e, CV-8e, CV-8eCC), 9200 (-8e, -16e), 9201-16e, 9212-4i4e, 8880EM2, 8888ELP, 3442E-R, 3801E
11	CBL-SFF8088SAS-20M	CBL-SFF8088SAS-20M	2.0m	SFF-8088	SFF-8088	9750 (-8e, -4i4e, -16i4e, -24i4e), 9280 (-8e, -4i4e, -16i4e, -24i4e), 9285-8e, 9286 (-8e, CV-8e, CV-8eCC), 9200 (-8e, -16e), 9201-16e, 9212-4i4e, 8880EM2, 8888ELP, 3442E-R, 3801E
12	LSIO0271	CBL-SFF8088ASAS-100M	10.0m	SFF-8088*	SFF-8088*	9201-16e, (SAS6160 SAS Switch)
13	LSIO0272	CBL-SFF8088ASAS-200M	20.0m	SFF-8088*	SFF-8088*	9201-16e, (SAS6160 SAS Switch)
14	CBL-SAS8087OCF-06M	CBL-SAS8087OCF-06M	0.6m	SFF-8087	SFF-8482	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R,
15	CBL-M8ML-06M	CBL-M8ML-06M	0.6m	M8	x8 SATA	9650SE-24M8
16	CBL-M8ML-10M	CBL-M8ML-10M	1.0m	M8	x2 SFF-8087	9650SE-24M8
17	CBL-M8OCF-06M	CBL-M8OCF-06M	0.6m	M8	x2 SFF-8087	9650SE-24M8
18	CBL-M8OCF-10M	CBL-M8OCF-10M	1.0m	M8	x8 SATA	9650SE-24M8
19	CBL-SFF8087-05M	CBL-SFF8087-05M	0.5m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
20	CBL-SFF8087-06M	CBL-SFF8087-06M	0.6m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
21	LSIO0314	CBL-SFF8087-10M	1.0m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9690SA (-4i, -8i, -4i4e), 9750 (-4i, -8i, -4i4e, -24i4e)
22	CBL-SFF8087OCF-05M	CBL-SFF8087OCF-05M	0.5m	SFF-8087	SFF-8087	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
23	CBL-SFF8087OCF-06M	CBL-SFF8087OCF-06M	0.6m	SFF-8087	Discrete	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
24	CBL-SFF8087OCF-10M	CBL-SFF8087OCF-10M	1.0m	SFF-8087	Discrete	9650SE (-4LPML, -8LPML, -12ML, -16ML), 9750 (-4i, -8i, -4i4e, -24i4e), 9240 (-4i, -8i), 9260 (-4i, -8i, -16i), 9261-8i, 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9280 (-4i4e, -24i4e), 9201-16i, 9211 (-4i, -8i), 9212-4i4e, 8704EM2, 8708EM2, 8888ELP, 3041E-R, 3081E-R, 3442E-R
25	LSIO0275	CBL-RA8087SB-10M	1.0m	SFF-8087	SFF-8087	9750 (-16i4e, -24i4e), 9280 (-16i4e, -24i4e)
26	LSIO0313	CBL-RA8087-10M	1.0m	SFF-8087	SFF-8087	9750 (-16i4e, -24i4e)
27	LSIO0312	CBL-RA8087-08M	0.8m	SFF-8087	SFF-8087	9750 (-16i4e, -24i4e)
28	LSIO0274	CBL-RA8087SATAB-10M	1.0m	SFF-8087	x4 SATA	9750 (-16i4e, -24i4e), 9280 (-16i4e, -24i4e)
29	LSIO0258	CBL-SFF8087-SATAB-10M	1.0m	SFF-8087	x4 SATA	9750 (-4i, 8i, -8e, -4i4e, -16i4e, -24i4e)
30	LSIO0259	CBL-SFF8087-SATAB-06M	0.6m	SFF-8087	x4 SATA	9750 (-4i, 8i, -8e, -4i4e, -16i4e, -24i4e)
31	CBL-I2C-SM1	CBL-I2C-SM1				9650SE (-4LPML, -8LPML, -12ML, -16ML), 9690SA (-4i, -8i, -4i4e)
32	CBL-I2C-SM2	CBL-I2C-SM2				9650SE (-4LPML, -8LPML, -12ML, -16ML), 9690SA (-4i, -8i, -4i4e)

*keyed for "Active Cable" support

Cache Protection Options

Row	Product Name	Ordering P/N	Description / Compatible Controllers
1	LSICVM01	LSI00297	CacheVault Module for 9266 and 9271 Series
2	LSiBBU09	LSI00279	Battery Backup Unit for 9265 and 9285 and 9286 series
3	LSiBBU08	LSI00264	Battery Backup Unit for 9260/1-xx, 9280-xx
4	LSiBBU07	LSI00161	Battery Backup Unit for 8880EM2, 9260/1-xx, 9280-xx and 9750-xx
5	LSiBBU06	LSI00160	Battery Backup Unit for 8708EM2 and 8704EM2
6	LSiBBU05	LSI00183	Battery Backup Unit for 8708ELP, 8704ELP and 8888ELP
7	LSiBBU01	LSI00184	Battery Backup Unit for 300-8X,4/8XLP, 8344/8308ELP, 84016E
8	LSiTBBU02	LSI00185	256MB Transportable Battery Backup for 8408E & 8480E
9	BBU-MODULE-03	BBU-MODULE-03	Battery Backup Unit for 3ware 9650SE/9550SX(U)
10	BBU-MODULE-04	BBU-MODULE-04	Battery Backup Unit for 3ware 9690SA/9650SE/9550SX(U); Includes remote Battery mounting kit
11	BATT-SPARE-02	BATT-SPARE-02	Replacement Battery for BBU-MODULE-03 and BBU-MODULE-04
12	BBU-BRACKET-04	BBU-BRACKET-04	Remote Mounting Bracket for BBU-MODULE-03
13	BBU-BRACKET-05	LSI00291	Remote Mounting Bracket for LSiBBU06/07/08/09 and CacheVault Power Modules
14	Remote Cable/Interposer Kit	LSI00260	Needed ONLY if require remote cable for LSiBBU06/07 OR connecting LSiBBU07/08 remotely to 9260-4i or 9260-8i

Advanced Software Options

Row	Advanced Software Option	Enablement	Ordering Part No.	Compatible Controllers
1	MegaRAID CacheCade Pro 2.0 Software Pack	Hardware Key	LSI00292	With LSI00292: 9260 (-4i, -8i, -16i), 9280 (-4i4e, -16i4e, -24i4e) With LSI00290: 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9285 (-8e, CV-8e), 9286 (-8e, CV-8e, CV-8eCC)
2	MegaRAID CacheCade Pro 2.0 Software Pack	Electronic License	LSI00293	With LSI00293: MR SAS 9260/9261/9265/9266/9270/9271/9280/9285/9286 series
3	MegaRAID FastPath Software	Hardware Key	LSI00247 LSI00289	With LSI00247: 9260 (-4i, -8i, -16i), 9280 (-4i4e, -16i4e, -24i4e) With LSI00289: 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9285 (-8e, CV-8e), 9286 (-8e, CV-8e, CV-8eCC)
4	MegaRAID FastPath Software	Electronic License	LSI00266	With LSI00266: 9260/9261/9265/9266/9270/9271/9280/9285/9286 series
5	MegaRAID SafeStore Software	Hardware Key	LSI00245 LSI00287	With LSI00245: 9260 (-4i, -8i, -16i), 9280 (-4i4e, -16i4e, -24i4e) With LSI00287: 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9285 (-8e, CV-8e), 9286 (-8e, CV-8e, CV-8eCC)
6	MegaRAID SafeStore Software	Electronic License	LSI00268	With LSI00268: 9260/9261/9265/9266/9270/9271/9280/9285/9286 series
7	MegaRAID Recovery Software	Hardware Key	LSI00246 LSI00288	With LSI00246: 9260 (-4i, -8i, -16i), 9280 (-4i4e, -16i4e, -24i4e) With LSI00288: 9265-8i, 9266 (-4i, -8i), 9270-8i, 9271 (-4i, -8i, -8iCC), 9285 (-8e, CV-8e), 9286 (-8e, CV-8e, CV-8eCC)
8	MegaRAID Recovery Software	Electronic License	LSI00267	With LSI00267: 9260/9261/9265/9266/9270/9271/9280/9285/9286 series

LSI Host Bus Adapter Competitive Matrix

Row		Ports	Host Bus Interface	Device Protocol	Adaptec®	Areca®	Atto®	High Point®	Promise Technology®
6 Gb/s SATA+SAS HBAs									
1	LSI SAS 9207-8e	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
2	LSI SAS 9207-8i	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
3	LSI SAS 9207-4i4e	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
4	LSI SAS 9206-16e	16	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	H6FOGT	–	–
5	LSI SAS 9200-16e	16	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	H6FO	–	–
6	LSI SAS 9200-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	H680	–	–
7	LSI SAS 9212-4i4e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	H644	–	–
8	LSI SAS 9201-16i	16	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	H60F	–	–
9	LSI SAS 9211-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
10	LSI SAS 9211-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
3 Gb/s SATA+SAS HBAs									
11	LSISAS3442E-R	8	PCI Express x8	3Gb/s SATA+SAS	–	–	–	–	–
12	LSISAS3041E-R	4	PCI Express x4	3Gb/s SATA+SAS	1045	ARC-1300-4i	–	–	–
13	LSISAS3081E-R	8	PCI Express x8	3Gb/s SATA+SAS	–	–	ExpressSAS H308	–	–
14	LSISAS3801E	8	PCI Express x8	3Gb/s SATA+SAS	–	–	ExpressSAS H380	–	–
15	LSISAS3442X-R	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	48300	–	–	–	–
16	LSISAS3041X-R	4	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	44300	–	–	–	–
17	LSISAS3080X-R	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	–	–	–	–	–
18	LSISAS3800X	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	–	–	–	–	–
19	LSISAS3801X	8	64-bit, 133MHz PCI-X	3Gb/s SATA+SAS	58300	–	–	–	–

LSI® RAID Controller Competitive Matrix

Row		Ports	Host Bus Interface	Device Protocol	Adaptec®	Areca®	Atto®	High Point®	Promise Technology®
6 Gb/s SATA+SAS RAID CONTROLLERS									
1	MegaRAID SAS 9280-24i4e	28	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1880ix-24	–	–	–
2	3ware SAS 9750-24i4e	28	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1880ix-24	–	–	–
3	MegaRAID SAS 9280-16i4e	20	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1880ix-16	–	–	–
4	3ware SAS 9750-16i4e	20	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1880ix-16	–	–	–
5	MegaRAID SAS 9260-16i	16	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	R60F	–	–
6	MegaRAID SAS 9286CV-8e	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
7	MegaRAID SAS 9286CV-8eCC	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
8	MegaRAID SAS 9285CV-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
9	MegaRAID SAS 9286-8e	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
10	MegaRAID SAS 9285-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1882x	–	–	–
11	MegaRAID SAS 9280-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1880x	R680	–	STEX8768
12	3ware SAS 9750-8e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	ARC-1880x	R680	–	STEX8768
13	MegaRAID SAS 9280-4i4e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	6445	ARC-1880LP	R644	–	–
14	3ware SAS 9750-4i4e	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	6445	ARC-1880LP	R644	–	–
15	MegaRAID SAS 9271-8i	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
16	MegaRAID SAS 9271-8iCC	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
17	MegaRAID SAS 9270-8i	8	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
18	MegaRAID SAS 9266-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	6805	ARC-1882i	–	–	–
19	MegaRAID SAS 9265-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	6805	ARC-1880i	–	–	–
20	MegaRAID SAS 9260CV-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	5805Z, 6805	–	R608	–	–
21	MegaRAID SAS 9260-8i / 9261-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	6805	ARC-1880i	R608	–	STEX8760T
22	3ware SAS 9750-8i	8	PCI Express 2.0 x8	6Gb/s SATA+SAS	6805	ARC-1880i	R608	–	STEX8760T
23	MegaRAID SAS 9271-4i	4	PCI Express 3.0 x8	6Gb/s SATA+SAS	–	–	–	–	–
24	MegaRAID SAS 9266-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	6405	–	–	–	–
25	MegaRAID SAS 9260CV-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	5405Z, 6405	–	–	–	–
26	MegaRAID SAS 9260-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	6405	–	–	–	–
27	3ware SAS 9750-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	6405	–	–	–	–
28	MegaRAID SAS 9240-8i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	RocketRAID 2720	–
29	MegaRAID SAS 9240-4i	4	PCI Express 2.0 x8	6Gb/s SATA+SAS	–	–	–	RocketRAID 2710	–
SATA RAID CONTROLLERS									
30	3ware 9650SE-24M8	24	PCI Express x8	3Gb/s SATA	–	ARC-1280ML	–	–	–
31	3ware 9650SE-16ML	16	PCI Express x8	3Gb/s SATA	–	ARC-1261ML	–	–	–
32	3ware 9650SE-12ML	12	PCI Express x8	3Gb/s SATA	–	ARC-1231ML	–	–	–
33	3ware 9650SE-8LPML	8	PCI Express x4	3Gb/s SATA	–	ARC-1220	–	–	–
34	3ware 9650SE-4LPML	4	PCI Express x4	3Gb/s SATA	–	ARC-1210	–	–	–
35	3ware 9650SE-2LP	2	PCI Express x1	3Gb/s SATA	–	–	–	–	–

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