

Storage Controllers (HBA, Raid etc)

Model	Controller	ASIC	Connectors	OS	Driver	By
Adaptec 6405, 6445, 6805, 7805, 78165, 71605, 71685, 72405, 8805, 8885 , 81605	PMC	PMC 8001 and others	SFF	hi p st er	aacraid	Ken Mays
Adaptec 29320LPE Ultra320 Single Channel Low-Profile PCIe x1 SCSI Card	29320LPE	Adaptec 29320	1x VHCI (External) 1x LVD (Internal)	oi - 1 5 1 a5	adpu320	Jon Green
Addonics Hybrid HDD - mSATA SSD Controller (AD2SAHMSA)	AD2SAHMSA	Marvell 88SE9128	1 x SATA III (internal), 1 x mSATA	oi - 1 5 1 a8	ahci	Marcel Telka
Areca SATA II RAID Controller driver (ARC-11xx/12xx/16xx/18xx)	ARC-1880	LSI SAS2308	2x SFF-8087	oi - 1 5 1 a7	arcmsr	Garratt D'Amore
Axago PCES-SA	PCES-SA	ASMedia ASM1062 (according pci.ids) / ASM1061 (on the chip)	2 x SATA III (internal)	oi - 1 5 1 a8	ahci	Marcel Telka
Axago	PCI-S-60	SiI3124-2	4x SATA II	oi - 1 5 1 a	si3124	Milan Jurik
Dell PERC H200/H220i, IBM ServeRAID H1110, LSI 9200/9201/9202/9210/9211/9212 SAS/SATA 6Gb/s PCIe 2.0 controllers	LSI 9212-4i4e	LSI SAS2004/2008/2108/2116	4x SFF-8087, 1x SFF-8088	hi p st er	mpt_sas	Ken Mays
Dell PERC H310/H700/H710/H710P/H800/H810, HP H210i/H220/H220i/H221/H222, IBM M1015/M1115 /M5014/M5015/M5016/5025/5110/5120, Intel RS25AB080/ RMS2AF040/RS2WC040/RS2WC080, LSI 9207 /9217/9240/9260/9261/9262/9264/9265/9266/9270/9271/9280/9281/9285/9286, 3Ware SAS 9550SX/9650SE /9690SA/9750 controller series, Sun StorageTek 6Gb/s SAS-2.0, Supermicro SMC2008-iMR - SAS/SATA 6Gb/s PCIe 2.0 controllers	LSI 9207-4i4e	LSI SAS2108 /2208/ 2308	1x SFF-8087, 1x SFF-8088	hi p st er	mr_sas	Ken Mays
Emulex LP8000			SC	oi - 1 5 1 a8	emlxs target mode	Johan Sanchez
LSI SAS 3008 Controllers - LSI SAS 9300 / LSI SAS 9311 12Gb/s SAS HBAs (SAS 3.0-compliant) To use sas3ircu (wnn to bay assignment, led alerting), read https://www.illumos.org/issues/6784	LSI 9300-4i4e	LSI SAS3008	1 Mini-SAS HD SFF-8643	hi p st er	mpt_sas	Ken Mays

LSI/Avago/Broadcom - SAS 9305 Controllers (12Gb/s SAS-3 Compliant) To use sas3ircu (wwn to bay assignment, led alerting), read https://www.illumos.org/issues/6784	A v a g o 9 3 0 5- 1 6i	LSI SAS3224	4 x SFF8 643	hi p st er 2 0 1 7. 10	mpt_sas	Gue nthe r Alka
HP Smart Array SAS/SATA PCIe Controllers (5i/6i, 5xx/5xxx/6xx/6xxx, E200/200i, P2xx/4xx/5xx/6xx/7xx)	P 4 1 1 /2 56	SA-P411	2x SAS ports	hi p st er	CPQary3(2.6.0)	Ken Mays
LSI SAS3041E-R/SAS3442E/SAS3442X/SAS3801E/SAS3801X, Intel SASWT4I/SASUC8I		LSI SAS1064, SAS1068		oi - 1 5 1 a7	mpt	Gar y Mills , Jas on Matt hews
QLogic 2340	IS P 2 3 12			oi - 1 5 1a	initior works	Joh an San chez
Vantec	U G T- S T 2 2 OR	SiI3512	2x SATA	oi - 1 5 1a	unsupported	Edu ardo San chez
StarTech.com 4 port PCI SATA RAID controller (Silicon Image (SI) 3114 - 4 port SATA raid card)	SI 3 1 14	SiI3114	4 x SATA 150	oi - 1 5 7a	Firmware pci- card to IDE mode (http://www.siliconimage.com/docs/SiI3114_5500.zip)	Hug o Wilk inson
Syba/locrest Model SI-PEX40108	M ar ve ll 8 8 S E 9 2 15		4 x SATA	hi p st er -2 0 1 7 1 0 31	unsupported	Gar y Mills

Notes:

1. [Install OpenSolaris/ OpenIndiana on M1015/ LSI9240 RAID controller](#)
2. [Dell H310 issue resolution](#)
3. (deleted)
4. [Installing the \(ahci\) driver for fake-raid \(like "RAID+AHCI" mode on HP workstations with onboard Intel Matrix controllers\)](#)