

# Drives (HDD, CD, DVD and Tape)

Release	Type	Manufacturer	Model	Works (yes/no)	Notes and/or specific usage instructions	Contributor
oi_151a	HDD 2.5 SATA-3	Crucial	M4-128GB	yes	25nm MLC SSD	Jason Matthews
oi_151	PCIe	DDRdrive	X1	yes	Intended as ZIL. Works flawlessly	Jason Matthews
oi_151a	HDD 3.5 SATA-3	Hitachi	HDS72404	yes	4TB of "Spinning Rust" properly recognized on LSI Falcon	Jason Matthews
oi_151a	HDD 2.5	Intel	520	yes		Jason Matthews
oi_151a	HDD 2.5	Intel	710	yes		Jason Matthews
oi_151a	PCIe	Intel	910	yes	Works out of the box	Jason Matthews
oi_151a	HDD 2.5 SATA-3	Intel	DC S3500 480GB	yes	six drives configured in mirrors yields 50k+ random reads/sec on ZFS, reports as ashift=9	Jason Matthews
oi_151a8	HDD 2.5 SATA-3	Intel	DC S3700 800GB	yes	Works as advertised, bench marking indicates 10% higher performance on 8k writes. Drives are 4K may or may not advertise 512bytes varies on firmware revision. Beware, you cannot mix 4K/512B drives within a VDEV	Jason Matthews
oi_151a9	HDD 3.5 SAS	Seagate	ST4000NM0023	yes	4TB SAS spinning rust. Just works. 4K Advanced Sector 130MB/s seq writes	Jason Matthews
oi_151a9	HDD 3.5 SAS	Seagate	ST6000NM0014	yes	6TB 7200-rpm 12Gb/s SAS HDD (4KN model, 512E model is ST6000NM0034)	Ken Mays
oi_151a5	SCSI	Sun Microsystems	C5683A	yes	SUN C5683A (HP Rebrand) DDS4 DAT Tape drive	Jon Green
oi_151a5	SATA	Seagate/Dell	ST1000NM0001	yes	Disks not powered on (Dell Firmware problem), the trick is: in <code>/kernel/drv/sd.conf</code> ,  <code>sd-config-list= "SEAGATE ST1000NM0001", "</code> <code>power-condition: false";</code>	Jorge Palma Escobar
oi_148	HDD 3.5" SATA-2	Samsung	F4EG HD204UI/Z4	yes	<a href="#">SATA - Advanced Format and 4K Sector drives</a>	Deano Calver
oi_148	HDD 3.5" SATA-2	Seagate	ST2000DL003-9VT1	yes	Barracuda Green. 4kB sectors with 512-byte emulation	Matt Connolly
oi_151a	HDD 2.5 SAS	Seagate	ST9146852SS	yes	146GB 15k RPM Savvio	Jason Matthews
oi_151a	HDD 2.5 SATA-3	Western Digital	WD20NPVT-00Z	yes	2 TB SATA disk, reports as ashift=12 (adv format), recognized on LSI 9207-8i	Jason Matthews