

Model: MFH27A1-SI

SATA										
Hard Drive										
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Cache	RPM	Encryption
WD30EZR	SATA	WD	3.5-inch	512e	3 TB	6 Gb/s	WD Caviar Green	64 MB	IntelliPower	N/A
HUA722010CA330	SATA	Hitachi	3.5-inch	512e	1 TB	3 Gb/s	HGST's Ultrastar AZ2000	32 MB	7200 RPM	N/A
DT01ACA300	SATA	TOSHIBA	3.5-inch	512e	3 TB	6 Gb/s	DT01ACA	64 MB	7200 RPM	N/A
WD4000FPYZ	SATA	WD	3.5-inch	512e	4 TB	6 Gb/s	WD Re	64 MB	7200 RPM	N/A
WD10EZEX	SATA	WD	3.5-inch	512e	1 TB	6 Gb/s	WD Caviar Blue	64 MB	7200 RPM	N/A
WD1003FZEX	SATA	WD	3.5-inch	512e	1 TB	6 Gb/s	Barracuda	64 MB	7200 RPM	N/A
WD40PURX	SATA	WD	3.5-inch	512e	4TB	6 Gb/s	WD Purple	64 MB	5400 RPM	N/A
MD04ACA500	SATA	TOSHIBA	3.5-inch	512e	5TB	6 Gb/s	MD04ACA	128 MB	7200 RPM	N/A
WD6001FZWX	SATA	WD	3.5-inch	512e	6TB	6 Gb/s	WD Black	128 MB	7200 RPM	N/A
ST8000AS0002	SATA	Seagate	3.5-inch	512e	8TB	6 Gb/s	Archive HDD	128MB	5900 RPM	N/A
ST500LM000	SATA	Seagate	2.5-inch	512e	500 GB	6 Gb/s	Laptop Thin SSHD	64 MB	5400 RPM	N/A
WD3200LPVX	SATA	WD	2.5-inch	512e	320 GB	6 Gb/s	WD Caviar Blue	8 MB	5400 RPM	N/A
WD5000LPVX	SATA	WD	2.5-inch	512e	500 GB	6 Gb/s	WD Caviar Black	8 MB	5400 RPM	N/A
WD10JPVX	SATA	WD	2.5-inch	512e	1 TB	6 Gb/s	WD Caviar Black	8 MB	5400 RPM	N/A
ST1000LM014	SATA	Seagate	2.5-inch	512e	1 TB	6 Gb/s	Laptop Thin SSHD	64 MB	5400 RPM	N/A
WD10JFCX(NAS HDD)	SATA	WD	2.5-inch	512e	1 TB	6 Gb/s	NASware 2.0	16 MB	5400 RPM	N/A
WD3200BEKX	SATA	WD	2.5-inch	512e	320GB	6 Gb/s	WD Black	16 MB	7200 RPM	N/A
WD10JFCX(NAS HDD)	SATA	WD	2.5-inch	512e	1TB	6 Gb/s	NASware 3.0	32 MB	7200 RPM	N/A
ST500VT000	SATA	Seagate	2.5-inch	512e	500GB	6 Gb/s	Video HDD	32 MB	7200 RPM	N/A
HTS541010A9E680	SATA	HGST	2.5-inch	512e	1 TB	6 Gb/s	Laptop Thin HDD	8 MB	5400 RPM	N/A
MQ02ABD100H	SATA	TOSHIBA	2.5-inch	512e	1TB	6 Gb/s	Hybrid drive	64 MB	5400 RPM	N/A
ST500M021	SATA	Seagate	2.5-inch	512e	500GB	6 Gb/s	Laptop Thin HDD	32 MB	7200 RPM	N/A
WD10J31X	SATA	WD	2.5-inch	512e	1TB / 8GB NAND	6 Gb/s	WD Blue SSHD	64 MB	5400 RPM	N/A
HTS721010A9E630	SATA	HGST	2.5-inch	512e	1TB	6 Gb/s	Travelstar 7K1000	32 MB	7200 RPM	N/A
HTS541010A9E680	SATA	HGST	2.5-inch	512e	1TB	6 Gb/s	Travelstar 5K1000	8M	5400 RPM	N/A
MQ03ABB200	SATA	Toshiba	2.5-inch	512e	2TB	6 Gb/s	MQ03ABB	16 MB	5400 RPM	N/A
Solid State Drive										
Product Name	Type	Vendor	Form Factor	Format	Capacity	Interface Speed	Series	Chip	RPM	Encryption
CT120M500SSD1	SATA	Crucial	2.5-inch	MLC (Micron)	120 GB	6 Gb/s	M500	Marvell 88SS9187	N/A	N/A
VTR1-25SAT3	SATA	OCZ	2.5-inch	MLC (Toshiba)	240 GB	6 Gb/s	Vector 150	Indilinx Barefoot 3	N/A	N/A
MZ7PD256HCGM	SATA	Samsung	2.5-inch	MLC (Samsung)	256 GB	6 Gb/s	840 Pro Series	Samsung MDX Controller (S4LN021X01-8030)	N/A	N/A
SD6SB1M-256G	SATA	Sandisk	2.5-inch	MLC (SanDisk)	256 GB	6 Gb/s	SSD X110	Marvell 5889175-B3M2	N/A	N/A
SSDSC2BP240G4	SATA	Intel	2.5-inch	MLC (Intel)	240 GB	6 Gb/s	730 Series	Intel PC29A521CA0	N/A	N/A
SD7SB6S-256G-1122	SATA	SanDisk	2.5-inch	TLC (SanDisk)	256 GB	6 Gb/s	X300s	Marvell 88SS9190	N/A	N/A
25M34	SATA	Team	2.5-inch	MLC (?)	256 GB	6 Gb/s	25M34	Phison PS3110-S10-X	N/A	N/A
PX-256M6V	SATA	Plextor	2.5-inch	MLC (Toshiba)	256 GB	6 Gb/s	M6V	SMI 2246en	N/A	N/A
AP256GAS10S8	SATA	Apacer	2.5-inch	MLC (Micron)	256 GB	6 Gb/s	AS510S	PHISON PS3108-S8	N/A	N/A
SHFS37A/240G	SATA	Kingston	2.5-inch	MLC (Micron)	240 GB	6 Gb/s	HyperX Fury	SandForce SF-2281	N/A	N/A
SSB240GTLCL4-SA-AF	SATA	Wywo	2.5-inch	TLC (Toshiba)	240 GB	6 Gb/s	APS1	PHISON PS3110-S10C-12	N/A	N/A
HLACC2033A-F0	SATA	Fujitsu	2.5-inch	MLC (Micron)	240 GB	6 Gb/s	F200	Phison S8 (PS3108-S8-1)	N/A	N/A
S70	SATA	Silicon Power	2.5-inch	MLC (Toshiba)	240 GB	6 Gb/s	Slim S70	SandForce SF-2281 / Phison PS3110-S10-X	N/A	N/A
JS300	SATA	J&A	2.5-inch	MLC (?)	240 GB	6 Gb/s	JS300	SMI	N/A	N/A
PBT240GS25SSDR PE000389	SATA	PATRIOT	2.5-inch	TLC (Toshiba)	240 GB	6 Gb/s	Blast	Phison S8 / Phison PS3110-S10C-12	N/A	N/A
HDT5724	SATA	Toshiba	2.5-inch	TLC (Toshiba)	240 GB	6 Gb/s	Q300	Toshiba TC358790 / TC58NC1000GSB00	N/A	N/A
SSBP120GTTCO-S10C	SATA	Phison	2.5-inch	MLC (?)	120GB	6 Gb/s	PS3110	Phison PS3110-S10-X	N/A	N/A
SSBP240GTTCO-S10C	SATA	Phison	2.5-inch	MLC (?)	240GB	6 Gb/s	PS3110	Phison PS3110-S10-X	N/A	N/A
ASU800SS-256GT	SATA	ADATA	2.5-inch	3D TLC	256GB	6 Gb/s	SU800	Silicon Motion SM2258	N/A	N/A
PX-128S2C S2C-128GB	SATA	Plextor	2.5-inch	TLC (SK Hynix)	128GB	6 Gb/s	S2C	SMI SM2258G AB	N/A	N/A
TS512GSSD420K	SATA	Transcend	2.5-inch	MLC (?)	512GB	6 Gb/s	SSD420K	Samsung 3-core MEX Controller	N/A	N/A
TS1TSSD420K	SATA	Transcend	2.5-inch	MLC (?)	1.0 TB	6 Gb/s	SSD420K	SSD420K	N/A	N/A
WD1001X06DXTL	SATA	WD	2.5-inch	MLC	1.0TB SSD+1TB HDD	6 Gb/s	WD Black ²		N/A	N/A
Optical Disk Device										
Product Name	Type	Vendor	Form Factor	Buffer Memory	Write Speed	Read Speed	Access Time			
DVD-231DW	Serial ATA 2.6	Pioneer	5.25-inch	198K Bytes	DVD-ROM 18X CD-ROM 40X	NA	Random Seek Time DVDROM: 100ms CDROM: 95ms			
DVR-S19LBK	Serial ATA 2.6	Pioneer	5.25-inch	2M Bytes	DVD+/-R: 24X DVD-R: 12X DVD-R DL: 12X DVD+RW: 8X DVD-RW: 6X CD-R: 40X CD-RW: 32X	DVD-ROM (SL) , DVD+/-R: 16X DVD+RW/-RW: 13X DVD-ROM(DL),DVD-R/+R DL: 12X DVD-RAM: 12X CD-ROM , CD-R , CD-RW: 40X	TBD			
iHAS324	Serial ATA 2.6	LITEON	5.25-inch	TBD	DVD+R: 24X DVD-R: 24X DVD+R DL: 8X DVD-R DL: 8X DVD-RAM: 6X CD-R: 48X	DVD-ROM: 16X DVD+RW: 8X DVD-RW: 6X CD-ROM: 48X CD-RW: 24X	140ms			
DV-W524GSB	Serial ATA 2.6	TEAC	5.25-inch	2M Bytes	DVD+R (single layer): 24x DVD+RW: 8x DVD+R DL: 12x DVD-R: 6x DVD-RW: 12x DVD-RAM: 5x CD-R: 48x CD-RW: 32x	DVD-ROM: 16x CD-ROM: 48x DVD-RAM: 5x	TBD			
BDR-S07XLT	Serial ATA 2.6	Pioneer	5.25-inch	4M Bytes	BD-ROM: 10X BD-RE SL/DL: 10X/6X BD-R SL/DL: 10X/8X BD-R LTH: 6X DVD-ROM SL: 16X DVD-ROM DL: 12X DVD-R/+R: 16X DVD-R DL / DVD+R DL: 12X DVD-RW / DVD+RW: 12X DVD-RAM: 5X CD-ROM: 40X CD-R: 40X CD-RW: 24X	BD-R / BD-R DL 12X ,10X ,8X ,6X ,4X,2X BD-RE SL/DL: 2X BD-R LTH: 6X ,4X ,2X DVD-R: 16X ,12X ,8X ,6X ,4X ,2X ,1X DVD-R DL: 8X ,6X ,4X ,2X DVD-RW: 6X ,4X ,2X ,1X DVD+R: 16X ,12X ,8X ,6X ,4X ,2,4X DVD+R DL: 8X ,6X ,4X ,2,4X DVD+RW: 8X ,6X ,4X ,3,3K ,2,4X DVD-RAM: 5X ,3X ,2X CD-R: 40X ,32X ,24X ,16X ,10X ,4X CD-RW: 24X ,16X ,10X ,4X	Average Seek Time BD: 180 mms DVD (R/RW): 170 mms CD: 160 mms Random Seek Time BD: 160 mms DVD (-R/RW): 150 mms CD: 140 mms			
BH30N	Serial ATA 2.6	Hitachi/LG	5.25"	4M Bytes	BD-R (SL/DL): 10x/8x BD-RE (SL/DL): 2x/2x DVD-R: 16x DVD-R DL: 8x DVD-RW: 6x DVD-RAM: 12x DVD+R: 16x DVD+R DL: 8x DVD+RW: 8x CD-R: 48x CD-RW: 24x	BD-ROM (SL/DL): 10x/8x BD-R: 6x BD-R (SL/DL): 10x/8x BD-RE (SL/DL): 8x/6x BDMV: 4.8x DVD-ROM (SL/DL): 16x/12x DVD-R (SL/DL): 16x/12x DVD-RW (SL): 12x DVD+R (SL/DL): 16x/12x DVD+RW (SL): 12x DVD-Video: 4.8x CD-R/RW/ROM: 48x/40x/48x CA-DA (DAE): 40x 80 mm CD: 16x	180ms			

Optical Disk Device							
Product Name	Type	Vendor	Form Factor	Buffer Memory	Write Speed	Read Speed	Access Time
DS-8A8SH	7+6 pin Serial ATA	PLDS	Slimline	0.75M Bytes	Max. 24X CD-R PCAV Max. 24X CD-RW ZCLV Max. 6X DVD-RW ZCLV Max. 8X DVD+RW ZCLV Max. 8X DVD-R PCAV Max. 8X DVD+R PCA Max. 6X DVD-R9 ZCLV Max. 6X DVD+R9 ZCLV Max. 5X DVD-RAM PCAV	Max. 24X CD-ROM CAV Max. 8X DVD-ROM CAV reading	CD 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms DVD 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms
UJ8A2	7+6 pin Serial ATA	HP	Slimline	TBD	Write CD-R 24x CLV, 24x CLV, 24x ZCLV, 24x CAV Write CD-RW Multi Speed: 24x CLV High Speed: 24x CLV Ultra Speed: 24x ZCLV Ultra Speed plus: 24x ZCLV Write DVD+R/-R 8x max. CAV Write DVD+R/-R Double Layer 8x max. ZCLV Write DVD+RW 8x max. ZCLV Write DVD-RW 8x max. ZCLV Write DVD-RAM 8x max. PCAV (Ver. 2.2)	Read CD-ROM/ R/ RW 24x max. CAV Read CD-ROM/ R/ RW 24x max. CAV Read Digital Audio Extraction (DAE) 24x max. CAV Read DVD-ROM (Single Layer / Dual Layer) 8x max. CAV Read DVD+R 8x max. CAV Read DVD+R Double Layer 8x max. CAV Read DVD+RW 8x max. CAV Read DVD-R 8x max. CAV Read DVD-R Double Layer 8x max. CAV Read DVD-RW 8x max. CAV Read DVD-Video (CSS title) 8x max. CAV Read DVD-RAM 8x max. PCAV (Ver. 2.2)	TBD
AD-7717H	7+6 pin Serial ATA	SONY NEC	Slimline	2M Bytes	DVD+R : 8x DVD+R DL : 8x DVD+RW : 8x DVD-R : 8x DVD-R DL : 8x DVD-RW : 8x DVD-RAM: 8x CD-R : 24x CD-RW : 24x	DVD-ROM 5L : 8x DVD-ROM DL : 8x DVD+R : 8x DVD-R : 8x DVD+R DL : 8x DVD-R DL : 8x DVD+RW : 8x DVD-RW : 8x DVD-RAM: 8x CD-ROM : 24x CD-R : 24x CD-RW : 24x	DVD 340 ms CD: 310 ms
SN-208	7+6 pin Serial ATA	Toshiba Samsung	Slimline	1M Bytes	DVD+R: 8X DVD+RW: 8X DVD-R: 8X DVD-RW: 6X CD-R: 24X CD-RW: 4X DVD+R DL: 8X DVD-R DL: 8X DVD-RAM: 5X	DVD-ROM: 8X CD-ROM: 24X	DVD-ROM Access Time190ms CD-ROM Access Time190ms
DS-8A8SH	7+6 pin Serial ATA	PLDS	Slimline	0.5M Bytes	Max. 24X CD-R PCAV Max. 24X CD-RW ZCLV Max. 6X DVD-RW ZCLV Max. 8X DVD+RW ZCLV Max. 8X DVD-R PCAV Max. 8X DVD+R PCAV Max. 6X DVD-R9 PCAV Max. 6X DVD+R9 PCAV Max. 5X DVD-RAM PCAV	Max. 24X CD-ROM CAV Max. 8X DVD-ROM CAV	CD 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms DVD 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms DVD-RAM 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms
DS-8A9SH	7+6 pin Serial ATA	PLDS	Slimline	0.75M Bytes	Max. 24X CD-R PCAV Max. 24X CD-RW ZCLV Max. 6X DVD-RW ZCLV Max. 8X DVD+RW ZCLV Max. 8X DVD-R PCAV Max. 8X DVD+R PCAV Max. 6X DVD-R9 PCAV Max. 6X DVD+R9 PCAV Max. 5X DVD-RAM PCAV	Max. 24X CD-ROM CAV Max. 8X DVD-ROM CAV	CD 1/3 Stroke5: 130ms Random Access6: 130ms Full Stroke7: 250ms DVD 1/3 Stroke8: 130ms Random Access9: 130ms Full Stroke10: 250ms
DL-8A45H	7+6 pin Serial ATA	PLDS	Slimline	0.75M Bytes	Max. 24X CD-R PCAV Max. 24X CD-RW ZCLV Max. 6X DVD-RW ZCLV Max. 8X DVD+RW ZCLV Max. 8X DVD-R PCAV Max. 8X DVD+R PCA Max. 6X DVD-R9 ZCLV Max. 6X DVD+R9 ZCLV Max. 5X DVD-RAM PCAV	Max. 24X CD-ROM CAV Max. 8X DVD-ROM CAV reading	CD 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms DVD 1/3 Stroke: 130ms Random Access: 130ms Full Stroke: 250ms