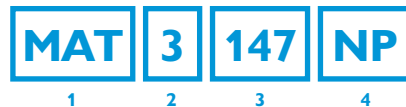


FUJITSU, THE PROVIDER OF COMPLETE HDD SOLUTIONS

This means that Fujitsu is one of the largest and fastest-growing manufacturers of hard disk drives worldwide. We are especially strong in two disk drive segments: Enterprise and Mobile. Due to continuous investment in technological development and improvement of our products we are able to offer our customers:

- one of the quietest 2.5" hard disk drives in the world with FDB (Fluid Dynamic Bearing) technology from Fujitsu
- the highest standard in quality
- very attractive price/performance ratio

Product codification



1. Model

M is fixed as the first letter in all model names. This is a requirement of Fujitsu Corporation to distinguish OEM products from others.
A We use the following product codes according to the technology.
 3.5" SCSI **A**
 2.5" ATA **H**
T This position indicates the generation of the product (also indicates the spindle speed in the case of 3.5" enterprise HDD).

2. Form Factor

2.5" **2**
 3.5" **3**

3. Capacity

For AL8LX and AL8LE (except 147 GB):
 If you put a decimal point between the 2nd and 3rd number this gives the formatted capacity of the drive in GB, eg. 100 = 10.0 GB.
For V40, V50, Z40, M40, AL8LE 147 GB, AL9LE and AL9LE:
 The figures shown gives the formatted capacity of the drive in GB, eg. 010 = 10 GB and 147 = 147 GB.

4. Interface

- AT** = ATA, 4,200 rpm, Ultra ATA 100
- AH** = ATA, 5,400 rpm, Ultra ATA 100
- BH** = SATA, 5,400 rpm
- FC** = FCAL-2
- NP** = Ultra320 SCSI / 68 PIN
- NC** = Ultra320 SCSI / SCA-2 80 PIN



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HDD Quick View

AL8LE

AL8LX

AL9LE

AL9LX

V40

V50

Z40

M40



With over 30 years experience in storage products dating back to 1969, Fujitsu are the second largest worldwide supplier of Enterprise hard disk drives.

Fujitsu's HDD range consists of 2.5" V40, V50, Z40 and M40 Notebook devices for the mobile computing market, incorporating the latest 'Silent Drive' technology for the Notebook and mobile computing emerging market applications.

The 3.5" 'AL' SCSI products feature the latest interface technology advancements to suit today's workstations, LAN & enterprise servers and storage subsystems.



THE POSSIBILITIES ARE INFINITE



THE POSSIBILITIES ARE INFINITE

Specifications

Performance

Characteristics

Product Family	Model Number	Form Factor (Width/Height)	Capacity Formatted (GB)	Motor Type	Interface	Rotational Speed (rpm)	Number of Heads	Number of Disks	Internal Transfer Rate (MB/s)	Interface Transfer Rate (MB/s)	Buffer Size (MB)	Average Seek (Read/Write ms)	Track-Track Seek (Read/Write ms)	Maximum Seek (Read/Write ms)	Average Latency (ms)	
AL8LE	MAP3367NC	3.5" 1"	36.7	BB*	Ultra320 SCSI / SCA-2 80 Pin	10,025	2	1	up to 320	320	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
	MAP3367NP	3.5" 1"	36.7	BB*	Ultra320 SCSI / 68 Pin	10,025	2	1		320	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
	MAP3735NC	3.5" 1"	73.5	BB*	Ultra320 SCSI / SCA-2 80 Pin	10,025	4	2		320	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
	MAP3735NP	3.5" 1"	73.5	BB*	Ultra320 SCSI / 68 Pin	10,025	4	2		320	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
	MAP3735FC	3.5" 1"	73.5	BB*	FCAL-2	10,025	4	2		106.9	200	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99
	MAP3147NC	3.5" 1"	147.0	FDB†	Ultra320 SCSI / SCA-2 80 Pin	10,025	8	4		320	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
	MAP3147NP	3.5" 1"	147.0	FDB†	Ultra320 SCSI / 68 Pin	10,025	8	4		320	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
	MAP3147FC	3.5" 1"	147.0	FDB†	FCAL-2	10,025	8	4		200	8	4.5 / 5.0	0.3 / 0.5	10 / 11	2.99	
AL8LX	MAS3184NC	3.5" 1"	18.4	FDB†	Ultra320 SCSI / SCA-2 80 Pin	15,000	2	1	up to 320	320	8	3.5 / 4.0	0.3 / 0.5	8.0 / 9.0	2.0	
	MAS3184NP	3.5" 1"	18.4	FDB†	Ultra320 SCSI / 68 Pin	15,000	2	1		320	8	3.5 / 4.0	0.3 / 0.5	8.0 / 9.0	2.0	
	MAS3367NC	3.5" 1"	36.7	FDB†	Ultra320 SCSI / SCA-2 80 Pin	15,000	4	2		320	8	3.5 / 4.0	0.3 / 0.5	8.0 / 9.0	2.0	
	MAS3367NP	3.5" 1"	36.7	FDB†	Ultra320 SCSI / 68 Pin	15,000	4	2		320	8	3.5 / 4.0	0.3 / 0.5	8.0 / 9.0	2.0	
	MAS3367FC	3.5" 1"	36.7	FDB†	FCAL-2	15,000	4	2		118.2	200	8	3.3 / 3.8	0.3 / 0.5	8.0 / 9.0	2.0
	MAS3735NC	3.5" 1"	73.5	FDB†	Ultra320 SCSI / SCA-2 80 Pin	15,000	8	4		320	8	3.5 / 4.0	0.3 / 0.5	8.0 / 9.0	2.0	
	MAS3735NP	3.5" 1"	73.5	FDB†	Ultra320 SCSI / 68 Pin	15,000	8	4		320	8	3.5 / 4.0	0.3 / 0.5	8.0 / 9.0	2.0	
	MAS3735FC	3.5" 1"	73.5	FDB†	FCAL-2	15,000	8	4		200	8	3.3 / 3.8	0.3 / 0.5	8.0 / 9.0	2.0	
AL9LE	MAT3073NC	3.5" 1"	73.5	FDB†	Ultra 320 SCSI / SCA-2 80 Pin	10,025	2	1	up to 320	320	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
	MAT3073NP	3.5" 1"	73.5	FDB†	Ultra 320 SCSI / 68 Pin	10,025	2	1		320	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
	MAT3073FC	3.5" 1"	73.5	FDB†	FCAL-2	10,025	2	1		200	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
	MAT3147NC	3.5" 1"	147.0	FDB†	Ultra 320 SCSI / SCA-2 80 Pin	10,025	5	3		320	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
	MAT3147NP	3.5" 1"	147.0	FDB†	Ultra 320 SCSI / 68 Pin	10,025	5	3		320	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
	MAT3147FC	3.5" 1"	147.0	FDB†	FCAL-2	10,025	5	3		132	200	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99
	MAT3300NC	3.5" 1"	300.0	FDB†	Ultra 320 SCSI / SCA-2 80 Pin	10,025	8	4		320	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
	MAT3300NP	3.5" 1"	300.0	FDB†	Ultra 320 SCSI / 68 Pin	10,025	8	4		320	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99	
MAT3300FC	3.5" 1"	300.0	FDB†	FCAL-2	10,025	8	4	200	8	4.5 / 5.0	0.2 / 0.4	10 / 11	2.99			
AL9LX	MAU3036NC	3.5" 1"	36.7	FDB†	Ultra 320 SCSI / SCA-2 80 Pin	15,000	2	1	up to 320	320	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
	MAU3036NP	3.5" 1"	36.7	FDB†	Ultra 320 SCSI / 68 Pin	15,000	2	1		320	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
	MAU3036FC	3.5" 1"	36.7	FDB†	FCAL-2	15,000	2	1		200	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
	MAU3073NC	3.5" 1"	73.5	FDB†	Ultra 320 SCSI / SCA-2 80 Pin	15,000	4	2		320	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
	MAU3073NP	3.5" 1"	73.5	FDB†	Ultra 320 SCSI / 68 Pin	15,000	4	2		320	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
	MAU3073FC	3.5" 1"	73.5	FDB†	FCAL-2	15,000	4	2		147	200	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0
	MAU3147NC	3.5" 1"	147.0	FDB†	Ultra 320 SCSI / SCA-2 80 Pin	15,000	8	4		320	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
	MAU3147NP	3.5" 1"	147.0	FDB†	Ultra 320 SCSI / 68 Pin	15,000	8	4		320	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0	
MAU3147FC	3.5" 1"	147.0	FDB†	FCAL-2	15,000	8	4	200	8	3.3 / 3.8	0.2 / 0.4	8 / 9	2.0			
V40#	MHT2030AT	2.5" 9.5 mm	30.0	FDB†	Ultra ATA 100	4,200	100	2	12	1.5	22	7.14				
	MHT2040AT	2.5" 9.5 mm	40.0	FDB†	Ultra ATA 100	4,200	100	2	12	1.5	22	7.14				
	MHT2060AT	2.5" 9.5 mm	60.0	FDB†	Ultra ATA 100	4,200	100	8	12	1.5	22	7.14				
	MHT2080AT	2.5" 9.5 mm	80.0	FDB†	Ultra ATA 100	4,200	100	8	12	1.5	22	7.14				
V50	MHU2100AT	2.5" 9.5 mm	100.0	FDB†	Ultra ATA 100	4,200	100	8	12	1.5	22	7.14				
Z40	MHT2040AH	2.5" 9.5 mm	40.0	FDB†	Ultra ATA 100	5,400	100	8	12	1.5	22	5.56				
	MHT2060AH	2.5" 9.5 mm	60.0	FDB†	Ultra ATA 100	5,400	100	8	12	1.5	22	5.56				
	MHT2080AH	2.5" 9.5 mm	80.0	FDB†	Ultra ATA 100	5,400	100	8	12	1.5	22	5.56				
M40	MHT2040BH	2.5" 9.5 mm	40.0	FDB†	SATA 1.0a / SATA II 1.0	5,400	100	8	12	1.5	22	5.56				
	MHT2060BH	2.5" 9.5 mm	60.0	FDB†	SATA 1.0a / SATA II 1.0	5,400	100	8	12	1.5	22	5.56				
	MHT2080BH	2.5" 9.5 mm	80.0	FDB†	SATA 1.0a / SATA II 1.0	5,400	100	8	12	1.5	22	5.56				

Power Consumption (idle)	Acoustic Noise (bels)	Shock Operating / Not Operating	Start Time (secs)	MTBF (hours x 1000)	Dimensions (H x W x D mm)	Weight max. (grams)	Model Number	Product Family
5.08 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3367NC	AL8LE
5.08 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3367NP	
6.40 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3735NC	
6.40 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3735NP	
9.48 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3735FC	
8.85 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3147NC	
8.85 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3147NP	
11.45 W	3.4	65G / 200G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAP3147FC	
6.20 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3184NC	AL8LX
6.20 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3184NP	
8.05 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3367NC	
8.05 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3367NP	
10.01 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3367FC	
10.40 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3735NC	
10.40 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3735NP	
12.40 W	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	800	MAS3735FC	
9.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3073NC	AL9LE
9.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3073NP	
10.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3073FC	
9.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3147NC	
9.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3147NP	
10.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3147FC	
9.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3300NC	
9.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3300NP	
10.5 W **	3.4	65G / 225G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAT3300FC	
11.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3036NC	AL9LX
11.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3036NP	
12.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3036FC	
11.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3073NC	
11.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3073NP	
12.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3073FC	
11.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3147NC	
11.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3147NP	
12.5 W **	3.6	65G / 250G 2ms	30	>1,200	25.4 x 101.6 x 146	750	MAU3147FC	
0.65 W	24 dBA	225G 2ms / 900G 1ms	3.5	>300	9.5 x 70 x 100	99	MHT2030AT	V40#
0.65 W	24 dBA	225G 2ms / 900G 1ms	3.5	>300	9.5 x 70 x 100	99	MHT2040AT	
0.65 W	24 dBA	225G 2ms / 900G 1ms	3.5	>300	9.5 x 70 x 100	99	MHT2060AT	
0.65 W	24 dBA	225G 2ms / 900G 1ms	3.5	>300	9.5 x 70 x 100	99	MHT2080AT	
0.65 W	25 dBA	225G 2ms / 900G 1ms	3.5	>300	9.5 x 70 x 100	99	MHU2100AT	V50
0.85 W	34 dBA	225G 2ms / 900G 1ms	4	>300	9.5 x 70 x 100	99	MHT2040AH	Z40
0.85 W	34 dBA	225G 2ms / 900G 1ms	4	>300	9.5 x 70 x 100	99	MHT2060AH	
0.85 W	34 dBA	225G 2ms / 900G 1ms	4	>300	9.5 x 70 x 100	99	MHT2080AH	
0.85 W	34 dBA	225G 2ms / 900G 1ms	4	>300	9.5 x 70 x 100	99	MHT2040BH	M40
0								