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Find the *Fujitsu MHD2021AT* at our website: ***Click HERE***

STORAGE

FUJITSU



Hard Drive

Mobile 4
2.5-inch
Disk Drive

The Fujitsu Mobile 4, 2.5-inch disk drive features the high capacity that today's applications demand, as well as high reliability and low power consumption—everything you need to satisfy the stringent requirements of mobile computing.

- 4.09 GB capacity
- Low, 12.5mm height
- Magneto-resistive (MR) head and partial response/maximum likelihood (PRML) read channel technologies
- High non-operating shock tolerance up to 500G for extreme ruggedness
- Fast ATA-3 interface and 4,000 RPM spindle
- Intelligent Power Management™ technology and Self Monitoring Analysis and Reporting Technology (S.M.A.R.T.)
- No Excuses™ 3-year replacement limited warranty

Mobile

Desktop

Enterprise

The mobile series highlights Fujitsu's commitment to design and performance breakthroughs — from advanced read/write heads and read channel electronics to extended shock resistance and battery-saving power features.

High Capacity for the Road

Mobile computer designs require disk drives to be more compact while offering greater performance and capacity. Fujitsu's Mobile 4 disk drive gives you both without sacrificing energy efficiency or reliability.

High areal density of 2.1 GB/in^2 and Fujitsu's dedication to research and development of MR heads and PRML read channel technologies, enable the 12.5mm drive to deliver outstanding performance with 4.09GB of capacity. So, it's big enough to hold large multimedia presentations, fast enough to run them, and small enough to fit in today's compact mobile computers.

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STORAGE

Prevents and Resists Shock

The Mobile 4 drive features S.M.A.R.T., a detection system which gives users advanced warning of possible drive inconsistencies, so they won't be caught by surprise. It is durable enough to withstand a 500G shock, and features Fujitsu's fifth-generation MR heads for greater reliability.

Energy Efficient for Maximum Productivity

The Mobile 4 drive features Fujitsu's Intelligent Power Management technology so mobile computer users can make the most of their time on the road. It extends the battery life by lowering power consumption during read and write operations, while the drive is idle, and while it is in sleep mode.

No Excuses™

Fujitsu products are designed to give you the highest performance and reliability with the least amount of hassle. To prove this, we back them with our exclusive No Excuses three-year limited replacement warranty.

No Excuses may be the easiest and most comprehensive warranty in the industry. In the unlikely event of a product defect or malfunction with your Mobile 4 disk drive, we will replace it within two business days.

About Fujitsu Computer Products of America

Fujitsu Computer Products of America is a wholly owned subsidiary of Fujitsu Limited, one of the world's largest computer companies with $37.7 billion in worldwide revenue. Benefiting from Fujitsu Limited's $5 billion annual investment in research and development, Fujitsu Computer Products provides innovative solutions for the U.S. marketplace. Current product offerings include: high performance hard disk drives, tape drives, magneto-optical drives, high volume scanners, and printers.

Mobile 4 Disk Drive Specifications

Model		MHC2040AT
Storage capacity (formatted)		4.09 GB
Disks/Heads		3/6
Track capacity (formatted)		66,560 to 117,760 bytes
Bytes/sector		512
Tracks per cylinder		6
Cylinders		7,229
Seek time	Track to Track	2.5 ms typ.
	Average	13 ms typ.
	Maximum	23 ms typ.
Average latency		7.5 ms
Rotational speed		4,000 rpm
Recording density		178,000 BPI
Track density		11,960 TPI
Data transfer rate	To/from media	5.5 to 9.8 MB/s
	To/from host	33.3 MB/s
Recording code		EPR4ML
Interface		ATA-3
Buffer size		512 KB
Power requirements	Voltage	5 V± 5%
	Spin-up	0.9A typ.
	Operating	2.3W typ.
	Idle	0.81W typ.
	Standby	0.35W typ.
	Sleep	0.13W typ.
Dimensions	Height	12.5 mm (0.49 in.)
	Width	70 mm (2.8 in.)
	Depth	100 mm (3.9 in.)
Weight		145 g (5.11 oz.)
Ambient temperature	Operating	5°C to 55°C (41°F to 131° F)
	Non-operating	-40°C to 65°C (-40° F to 149°F)
	Gradient	20°C (68°F)/H
Relative humidity	Operating	8% to 90% RH (non-condensing)
	Non-operating	5% to 95% RH (non-condensing)
	Max wet bulb	29°C
Vibration	Operating	1.0 G (5 to 500 Hz)
	Non-operating	5.0 G (5 to 500 Hz)
Shock	Operating	100 G 2ms
	Non-operating	500 G 2ms
Altitude	Operating	-300 to 3,000 m (-1,000 to 10,000 ft.)
	Non-operating	-300 to 12,000 m (-1,000 to 40,000 ft.)
Acoustic noise		30 dBA at 1m
MTBF		More than 300,000 power on hours
Warranty		3 years No Excuses (from date of purchase) 2 business day turn-around time

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STORAGE

FUJITSU



Hard Drive

Mobile 4L Series
Low Profile 2.5-inch Disk Drives

Fujitsu Mobile 4L low profile, 2.5-inch disk drives combine high capacity and high reliability with low height and low power consumption — a combination that satisfies the stringent requirements of mobile computing.

- 2.16GB and 3.25GB capacities
- Ultra low, 9.5mm height
- Magneto-resistive (MR) head and partial response/maximum likelihood (PRML) read channel technologies
- High non-operating shock tolerance up to 500G for extreme ruggedness
- Fast ATA-3 interface and 4,000 RPM spindle
- Intelligent Power Management™ technology and Self Monitoring Analysis and Reporting Technology (S.M.A.R.T.)
- No Excuses™ 3-year replacement limited warranty

Mobile

Desktop

Enterprise

The mobile series highlights Fujitsu's commitment to design and performance breakthroughs — from advanced read/write heads and read channel electronics to extended shock resistance and battery-saving power features.

High Storage Capacity

Mobile computer designs are getting smaller while the demand for storage capacity and performance is increasing. That's why we created the Mobile 4L low profile, 2.5-inch disk drives.

High areal densities of 2.2 and 2.7 GB/in^2 and Fujitsu's dedication to research and development of MR heads and PRML read channel technologies, enable the 9.5mm mobile drives to deliver outstanding performance in 2.16GB and 3.25GB capacities. So, they're big enough to hold large multimedia presentations, fast enough to run them, and small enough to fit in today's compact mobile computers.

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Extreme Durability and Reliability

Accidents happen. That's why Mobile 4L drives are designed with a high non-operating shock tolerance, up to 500G, for extreme durability. They also feature Fujitsu's fifth-generation MR heads for greater reliability. Combined with S.M.A.R.T., a detection system which gives users advanced warning of possible drive inconsistencies, the Mobile 4L series delivers the rugged, reliable performance mobile computer users demand.

Energy Efficient

Mobile 4L drives feature Fujitsu's Intelligent Power Management technology so mobile computer users can make the most of their time on the road. It extends the battery life by lowering power consumption during read and write operations, while the drive is idle, and while it is in sleep mode.

No Excuses™

Fujitsu products are designed to give you the highest performance and reliability with the least amount of hassle. To prove this, we back them with our exclusive No Excuses three-year limited replacement warranty.

No Excuses may be the easiest and most comprehensive warranty in the industry. In the unlikely event of a product defect or malfunction with your Mobile 4L disk drive, we will replace it within two business days.

Mobile 4L Series Disk Drive Specifications

Model		MHD2021AT	MHD2032AT
Storage capacity (formatted)		2.16GB	3.25GB
Disks/Heads		2/3	2/4
Track capacity (formatted)		71,680 to 122,880 bytes	76,800 to 128,000 bytes
Bytes/sector		512	
Tracks per cylinder		4	
Cylinders		7,289	7,317
Seek time	Track to Track	2.5 ms typ.	
	Average	13 ms typ.	
	Maximum	23 ms typ.	
Average latency		7.5 ms	
Rotational speed		4,000 rpm	
Recording density		191,000 BPI	217,000 BPI
Track density		11,960 TPI	
Data transfer rate	To/from media	5.9 to 10.1 MB/s	6.3 to 10.6 MB/s
	To/from host	33.3 MB/s	
Recording code		EPR4ML	
Interface		ATA-3	
Buffer size		512 KB	
Power requirements	Voltage	5 V± 5%	
	Spin-up	0.9A typ.	
	Operating	2.4W typ.	
	Idle	0.91W typ.	
	Standby	0.35W typ.	
	Sleep	0.13W typ.	
Dimensions	Height	9.5 mm (0.37 in.)	
	Width	70 mm (2.8 in.)	
	Depth	100 mm (3.9 in.)	
Weight		95 g (3.35 oz.)	
Ambient temperature	Operating	5°C to 55°C (41°F to 131° F)	
	Non-operating	-40°C to 65°C (-40° F to 149°F)	
	Gradient	20°C (68°F)/H	
Relative humidity	Operating	8% to 90% RH (non-condensing)	
	Non-operating	5% to 95% RH (non-condensing)	
	Max wet bulb	29°C	
Vibration	Operating	1.0 G (5 to 400 Hz)	
	Non-operating	5.0 G (5 to 400 Hz)	
Shock	Operating	100 G 2ms	
	Non-operating	500 G 2ms	
Altitude	Operating	-300 to 3,000 m (-1,000 to 10,000 ft.)	
	Non-operating	-300 to 12,000 m (-1,000 to 40,000 ft.)	
Acoustic noise		30 dBA at 1m	
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