

Fast enough for desktop applications; rugged, quiet, and compact enough for mobile applications.

MHT-AH Series

5,400 RPM, Ultra ATA/100, 2.5-Inch Mobile Drives

Experience workstation-like performance on the road without sacrificing acoustics, durability, or power-efficiency.

- ▶ High areal densities achieve 40GB, 60GB, and 80GB capacities within a low-profile, 9.5-mm form factor
- ▶ High shock tolerance (900G, 1 ms, non-operating; 225G, 2 ms operating) for exceptional toughness
- ▶ Fourth-generation Fluid Dynamic Bearing (FDB) motors dramatically reduce acoustic noise
- ▶ Low track-to-track seek times, ATA-100 interface, 8MB buffer, and 5,400 RPM spindle speed deliver outstanding performance
- ▶ Covered by a three-year Limited Warranty



FUJITSU

THE POSSIBILITIES ARE INFINITE

MHT-AH Series 5,400 RPM, Ultra ATA/100, 2.5-Inch Mobile Drives

High performance everywhere you go.

The days of tolerating lower performance for mobility are over. The Fujitsu MHT-AH Series blends 5,400-RPM performance, high areal density and a low-profile, 9.5-mm form factor to deliver the characteristics today's mobile applications demand. Fourth-generation Fluid Dynamic Bearing (FDB) motors enable 5,400-RPM spindle speeds, which significantly improve data throughput over 4,200-RPM disk drives. The FDB motors also help limit acoustic output and increase shock-tolerance. High areal densities up to 69GB/sq. in., combined with Spin Valve GMR heads, Synthetic Ferri-magnetic and GDT media, and an 8MB buffer also contribute to the MHT-AH Series' outstanding performance. Available in 40GB, 60GB and 80GB capacities, they provide ample data storage for multimedia presentations, digital audio and video, and graphics.

Reliability backed by Fujitsu.

The MHT-AH Series is covered by Fujitsu's three-year Limited Warranty. For full details, including restrictions, please visit www.fcpa.fujitsu.com/warranties/, or call (800) 626-4686, option 2.

About Fujitsu Computer Products of America, Inc.

Fujitsu Computer Products of America, Inc. is a wholly owned subsidiary of Fujitsu Limited, a leading provider of customer-focused IT and communications solutions

for the global marketplace. FCPA provides innovative solutions for the U.S. marketplace. Current product and service offerings include: high-performance hard disk drives, magneto-optical drives, scanners and scanner maintenance.

MHT-AH 5,400 RPM Series Disk Drive Specifications

Model	MHT2040AH	MHT2060AH	MHT2080AH
Storage capacity (formatted)	40.0 GB	60.0 GB	80.0 GB
Bytes/sector	512		
Seek time	Track to Track	1.5 ms typ.	
	Average	12 ms typ.	
	Maximum	22 ms typ.	
Average latency	5.56 ms		
Rotational speed	5,400 RPM		
Data transfer to/from host	Up to 100 MB/s		
Interface	Ultra ATA/100 (ATA-6)		
Buffer size	8 MB		
Power requirements	Voltage	5 V± 5%	
	Spin-up	1.0 A max	
	Operating (Read/Write)	2.3 W typ.	
	Idle	0.85 W typ.	
	Standby	0.25 W typ.	
	Sleep	0.10W typ.	
Dimensions	Height	9.5 mm (0.37 in.)	
	Width	70 mm (2.8 in.)	
	Depth	100 mm (3.9 in.)	
Weight	99 g (3.49 oz.) or less		
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 or less	
Relative humidity	Operating	8% to 90% RH (non-condensing)	
	Non-operating	5% to 95% RH (non-condensing)	
	Max wet bulb	29°C (Op.) / 40°C (Non Op.)	
Vibration	Operating	9.8 m/s ² (1.0 G) (5 to 500 Hz)	
	Non-operating	49m/s ² (5.0 G) (5 to 500 Hz)	
Shock	Operating	2,205 m/s ² (225 G) 2ms	
	Non-operating	8,820 m/s ² (900 G) 1ms; 1,176 m/s ² (120 G) 11ms	
Altitude	Operating	-300 to 3,000 m (-1,000 to 10,000 ft.)	
	Non-operating	-300 to 12,000m (-1,000 to 40,000 ft.)	
Acoustic noise	HDD Ready	34 dBA at 30 cm (typ.), 2.8 bels (typ.)	
Limited Warranty	3 years (from date of purchase). Visit online at www.fcpa.fujitsu.com/warranties/ or call toll free at (800) 626-4686, option 2, for full Limited Warranty details and restrictions.		

Fujitsu Computer Products of America, Inc.
www.fcpa.fujitsu.com

2904 Orchard Parkway, San Jose, CA 95134-2009. (800) 626-4686 (408) 432-6333 info@fcpa.fujitsu.com

©2003 Fujitsu Computer Products of America, Inc. All rights reserved. All statements herein are valid only in the U.S. for U.S. residents, are based on normal operating conditions, are provided for informational purposes only, and are not intended to create any implied warranty of merchantability or fitness for a particular purpose. Fujitsu Computer Products of America, Inc. reserves the right to modify at any time without prior notice these statements, our products, their performance specifications, availability, price, and warranty and post-warranty programs. Fujitsu and the Fujitsu logo are registered trademarks and The Possibilities are Infinite is a trademark of Fujitsu Ltd. All other trademarks are the property of their respective owners.



THE POSSIBILITIES ARE INFINITE