

Get a whopping 100GB of storage capacity in a 2.5-inch drive.

# MHU2100AT

## 4200 RPM, Ultra ATA/100, 2.5-Inch Mobile Hard Disk Drive

Build and design storage-intensive mobile applications with the help of Fujitsu and its MHU2100AT hard disk drive.

- ▶ One of the largest capacity hard disk drives in a 2.5-inch form factor -100GB
- ▶ Areal drive density increased by nearly 30 percent, increasing both capacity and performance
- ▶ Outstanding shock performance handles the toughest mobile environments
- ▶ Low power consumption and power save features help extend battery life
- ▶ Acoustic reduction technology makes for whisper-quiet drive operation



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Fujitsu MHU2100AT 4200 RPM Disk Drive Specifications

Let's face it: We're living in an interconnected and mobile world. Customers demand information at their fingertips 24/7. Because of this, mobile applications are in greater and greater demand.

Fujitsu is the first in the industry to deliver a 2.5-inch hard disk drive with 100GB of storage — the MHU2100AT drive. Demonstrating 1.5 ms read/write seek times, this pocket-sized drive allows solution providers to offer high-capacity, space-efficient storage products to their customers.

What's more, by leveraging Fujitsu's heritage and technical expertise, the MHU2100AT drive provides outstanding shock performance, low acoustics and low power consumption. In read/write mode, the drive operates at 2.1 watts. In idle mode, the power consumption drops to just .65 watts, helping to conserve precious battery life. Furthermore, the drives' operation is virtually silent due to Fluid Dynamic Bearing (FDB) technology.

Because of its strong feature set, the Fujitsu MHU2100AT drive is particularly well-suited for vertical applications, such as audio/video and other mobile consumer electronics. Additionally, it is designed for storage-intensive uses including notebooks, blade servers, small-form factor PCs, and storage towers.\*

The Fujitsu MHU2100AT drive is clearly the wave of the future. Leverage Fujitsu's thirty five years of hard disk drive experience to meet your customers' insatiable need for mobile flexibility with increased storage capacity.

### About Fujitsu Computer Products of America, Inc.

Fujitsu Computer Products of America, Inc. is a 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.

\* Note: The drives are not intended for use in 24 x 7 applications.

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Model		MHU2100AT
Storage capacity (formatted)		100GB
Bytes/sector		512
Seek time	Track to track	1.5 ms typ.
	Average	12 ms typ.
	Maximum	22 ms typ.
Average latency		7.14 ms
Rotational speed		4,200 RPM
Data transfer to/from host		100 MB/s
Interface		ATA-6
Buffer size		8 MB
Power requirements	Voltage	5 V± 5%
	Spin-up	0.90 A typ.
	Operating (Read/Write)	2.0 W / 2.1 W typ.
	Idle	0.65 W typ.
	Standby	0.25 W typ.
Dimensions	Sleep	0.10 W typ.
	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 <sup>2</sup> (1.0 G) (5 to 500 Hz)
	Non-operating	49m/s <sup>2</sup> (5.0 G) (5 to 500 Hz)
Shock	Operating	2,205 m/s <sup>2</sup> (225 G) 2ms
	Non-operating	8,820 m/s <sup>2</sup> (900 G) 1ms; 1,176 m/s <sup>2</sup> (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	25 dBA at 30 cm (typ.), 2.4 bels (typ.)
Limited Warranty		3 years (from date of purchase). Visit online at <a href="http://www.fcpa.fujitsu.com/warranties/">www.fcpa.fujitsu.com/warranties/</a> or call toll free at (888) 664-0672, for full Limited Warranty details and restrictions.



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