

## M2712TAM / M2713TAM / M2714TAM Specifications

### FUNCTIONAL SPECIFICATIONS

		M2712TAM	M2713TAM	M2714TAM
<b>Storage Capacity*<sup>1</sup></b>		544.05MB	816.08MB	1088.10MB
<b>Disks</b>		1	2	
<b>Heads</b>		2	3	4
<b>Cylinders</b>		3,916		
<b>Bit Density</b>		133,000 bpi		
<b>Track Density</b>		6,606 tpi		
<b>Rotational Speed</b>		3,634rpm (±0.5%)		
<b>Average Seek Time</b>		Read 12ms (typ.) / Write 13ms (typ.)		
<b>Recording Method</b>		PRML		
<b>Physical Dimensions (Width x Depth x Height)</b>		70.0mm x 100.0mm x 12.5mm		
<b>Weight</b>		140g		
<b>Power Consumption</b>	<b>Operating</b>	1.90W typ.		
	<b>Idle</b>	0.79W typ.		
	<b>Standby</b>	0.39W typ.		
<b>Energy Efficiency*<sup>2</sup></b>		1.45 W/GB (Rank d)	0.968 W/GB (Rank e)	0.726 W/GB (Rank e)
<b>Host Interface</b>		ATA-2		
<b>Data Transfer Rate</b>	<b>Disk Drive</b>	3.42 to 6.77MB/s		
	<b>Interface</b>	16.6 MB/s (PIO mode-4, DMA mode-2)		
<b>Data Buffer*<sup>3</sup></b>		128 KB		

(\*1) One megabyte (MB) = one million bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.

(\*2) Energy efficiency based on the Law Concerning the Rational Use of Energy indicates the value obtained by dividing power consumption by the storage capacity (Japan only).

(\*3) Fujitsu defines 1 kilobyte (KB) as 1,024 bytes for data buffer size.

**ENVIRONMENTAL SPECIFICATIONS**

		M2712TAM	M2713TAM	M2714TAM
<b>Ambient Temperature</b>	<b>Operating</b>	5°C to 55°C		
	<b>Non-operating</b>	-40°C to 65°C		
	<b>Gradient</b>	20°C/h or less		
<b>Relative Humidity</b>	<b>Operating</b>	8% to 90% RH (non-condensing)		
	<b>Non-operating</b>	5% to 95% RH (non-condensing)		
<b>Vibration</b>	<b>Operating</b>	1.0G: 5 to 500 Hz		
	<b>Non-operating</b>	5.0G: 5 to 500 Hz		
<b>Shock</b>	<b>Operating</b>	100G: 2ms max.		
	<b>Non-operating</b>	300G: 2ms max.		
<b>Power Requirements</b>		+5VDC ±5%		