



Fujitsu MHV2100AT internal hard drive 100 GB 4200 RPM 8 MB 2.5" Ultra-ATA/133

Brand : Fujitsu

Product code: MHV2100AT

Product name : MHV2100AT

100GB mobile hard disk drive

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The new Fujitsu MHV2120AT mobile hard disk drive is instrumental in allowing manufacturers to design next generation portable computing and consumer applications. The Fujitsu MHV2120AT hard disk drive will provide industry-leading specifications, critical for today's mobile computing applications:

- Read / Write Power Consumption of 1.6W typ.
- Idle Power Consumption of 0.5W typ.
- Idle Acoustic Noise as low as 2.3Bels
- Non-Operating Shock of 8,820m/s² (900G) (1ms)
- Operating Shock of 2,940 m/s² 300G (2ms)
- L/UL (Load/Unload) of 600,000 cycles

The Fujitsu MHV2xxxAT is also the first Fujitsu hard disk drive range that is RoHS compliant/lead free. RoHS refers to the European Commission's RoHS directive for eliminating certain hazardous materials in the manufacturing of electronic equipment.

Fujitsu MHV2100AT. HDD capacity: 100 GB, HDD speed: 4200 RPM, Storage drive buffer size: 8 MB, HDD size: 2.5", Interface: Ultra-ATA/133

| Features | | Power | |
|-----------------------------------|---------------|-----------------------------------|----------------|
| HDD capacity * | 100 GB | Power consumption (off) | 0.1 W |
| HDD speed * | 4200 RPM | Operating voltage | 5 V |
| Storage drive buffer size * | 8 MB | Operational conditions | |
| HDD size * | 2.5" | Operating temperature (T-T) | 5 - 55 °C |
| Interface * | Ultra-ATA/133 | Storage temperature (T-T) | -40 - 65 °C |
| Type * | HDD | Operating relative humidity (H-H) | 8 - 90% |
| HDD sustained transfer rate | 100 MiB/s | Operating altitude | -300 - 3000 m |
| Read seek time | 12 ms | Non-operating altitude | -300 - 12000 m |
| Write seek time | 14 ms | Operating shock | 300 G |
| Track to track seek time | 1.5 ms | Non-operating shock | 900 G |
| Average seek time | 22 ms | Weight & dimensions | |
| Average latency | 7.14 ms | Width | 70 mm |
| Bytes per sector | 512 | Height | 9.5 mm |
| Mean time between failures (MTBF) | 300000 h | Depth | 100 mm |
| Power | | Weight | 99 g |
| Power consumption (standby) | 0.5 W | Other features | |
| | | Acoustic pressure emissions | 24 dB |

Catalog Object Cloud



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