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230MB 3.5-inch SCSI Hard Disk Drive: Description

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TOPIC -----

This article describes the Apple 230MB 3.5-inch SCSI hard disk drive.

DISCUSSION -----

This hard disk drive is intended for use in Apple's high-performance computer systems, and has features that benefit these particular products because of their exceptional speed and performance.

This drive operates from +12V and +5V supplies, but MAY REQUIRE POWER SAVING MODES. Side holes machined within the hard disk assembly chassis are for mounting the drive. The SCSI interface provides hardware-detectable SCSI ID.

The drive firmware contains on-board start-up diagnostic routines as well as automatic error correction during normal operation. Servo position control "locked" to the data track of interest provides on-track error performance. When turned on, the drive releases the actuator arm assembly from its locked position (landing zone) only if the read/write heads are in a stable flying condition. This feature ensures no direct physical contact between the heads and the data area on the disk surfaces. If power suddenly shuts off, the actuator arm automatically retracts to the landing zone before the heads make contact with the disk surfaces, and remains locked in place until power returns.

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