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400MB, 3.5-Inch, Half-High, SCSI Hard Disk Drive: Overview

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TOPIC -----

This article describes the Apple 400MB SCSI hard drive.

DISCUSSION -----

The 400MB hard disk drive is intended for use in the Quadra 700 and 900 computers, as well as other Apple products. The drive possesses features that benefit many different applications.

The hard disk assembly consists of as few mechanical components as possible. It's designed for simplified assembly without requiring sensitive adjustments or calibration during the manufacturing process.

Powerful data error correction techniques ensure data integrity. When power is turned on, the drive releases the actuator arm assembly from the locked position, only if the read/write heads have achieved a stable flying condition. This feature ensures no direct physical contact between the heads and the data area on the disk surfaces. If power shuts off suddenly, the actuator arm automatically retracts to the landing zone before the heads make contact with the disk surfaces.

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