



# Tech Info Library

## Hard Drive: 160MB IBM 3.5/1-inch Specifications (6/93)

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TOPIC -----

Could you provide the specifications for the 160MB IBM 3.5/1" Hard Drive?

DISCUSSION -----

The technical specifications for the 160MB IBM 3.5/1" HDA are:

### Capacity

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- Data capacity: 160MB (formatted 41,994,240 bytes)
- Block size: 512 bytes
- # of blocks: 82,020

### Characteristics

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- Average Access Time : 18 ms (milliseconds)
- Sequential Transfer Time (in ms): 0.75 Mega Bytes/sec. min.
- Random Transfer Time (in ms): 0.014 Mega Bytes/sec. min.
- Data burst transfer: 3.0 Mega Bytes/sec.
- Power on to interface ready: <= 2 Sec.
- Power on to drive ready: <= 8.7 sec. Normal - 10.75 sec. Worst Operating Condition

### Interface

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SCSI 50-pin connector.

### Electrical Requirements

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- Startup (watts): 8.3 Mean, 10.0 Max.
- Random Read/Write (watts): 3.7 Mean., 4.0 Max.
- Idle (watts): 3.7 Mean., 4.0 Max.

### Environmental Requirements

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- Operating Temperature: 5 to 55 degrees C
- Non-Operating and Storage Temperature: -40 to 65 degrees C
- Relative humidity (operating): 10-90% non-condensing
- Relative humidity (non-operating): 5-95% non-condensing
- Operating altitude : -500 to 10,000 ft.
- Shipping altitude: -500 to 15,000 ft.

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