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PowerBook: Connor 2.5-Inch 40MB Hard Drive Specifications

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This article provides the specifications of the Connor 2.5-Inch 40MB Hard Drive used in the Macintosh PowerBook 140, 145, and 170.

SPECIFICATIONS -----

Capacity

Formatted Data Capacity:	40MB
Data Surfaces:	4
Heads Per Surface:	1
Block Size:	512 bytes
Total Disk Blocks:	82,020

Characteristics

Average Seek Time:	20 milliseconds
Transfer Rate:	Greater than 1.5MB/sec
Rotation Speed:	3,333.3 RPM
Startup:	10-15 seconds
Spindown:	5-10 seconds

Physical

Form Factor:	2.5 inch (19 mm)
Weight:	2.09 kg (4.6 lbs) (internal configuration)

Environmental

Temperature:	
(Operating)	5 degrees C to 55 degrees C
(Non-Operating/Storage)	-40 degrees C to 65 degrees C

Relative Humidity:	
(Operating)	10-90% non-condensing

Power Requirements

Voltage:	5V DC with tolerance of +/-5%
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Power Draw:			
(Startup)	1.110 amps (max.)		
	5.00 watts (max.)		
(Idle)	0.260 amps (mean)	0.300 amps (max.)	
	1.30 watts (mean)	1.50 watts (max.)	
(Shutdown)	0.080 amps (mean)	0.100 amps (max.)	
	0.40 watts (mean)	0.50 watts (max.)	

These limits include 1K ohm pull-up resistors on all signal lines.

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