



# Tech Info Library

## Quark QC Hard Disk: Specifications (Discontinued)

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### Performance

Capacity	10.3 & 21.0 Megabytes Formatted
Access Time	
Track to Track	16.4 mSec
Average	85 mSec
maximum	175 mSec
Average Latency	8.37 mSec
Startup time(typical)	12 Sec

### Functional

Rotational Speed	3600 RPM
Recording Density	9036 & 9827 BPI
Track Density	360 & 588 TPI
Cylinders	306
Read/Write Heads	4
Disks	2

Domestic Power Supply 115 VAC 60Hz 0.45 Amps.

European Power Supply 230 VAC 50Hz <0.25 Amps.

### Environmental Limits

#### Ambient Temperature

Operating	+50 to +115 Degrees F +10 to +46 Degrees C
Non-Operating	-40 to +140 Degrees F -40 to +60 Degrees C

#### Relative Humidity

Operating	8% to 80% non-condensing
Non-Operating	1% to 95%
Altitude Limit	10,000 ft(3048m) above sea level.
Shock Non Operating	30g Maximum

### Dimensions

Height	3.85 in (97.79mm)
Width	14.5 in (368.3mm)
Depth	8.5 in (215.9mm)
Weight	11.0 lbs (approx. 50 kg)

### Performance Comparison

Data based on reading (2000 blocks QC, 200 blocks DiskII, 800 blocks Macintosh)

400K internal drive) in sequence from the disks.

Apple IIc

Internal disk drive	16.4 blocks per second
QC hard disk	25.7 blocks per second

Apple II and III

Disk II, III and Duodisk	16.4 blocks per second
Profile	41.3 blocks per second
QC hard disk	55.6 blocks per second

Macintosh 2.0 System

Macintosh 400K	29 blocks per second
QC hard disk	45 blocks per second

NOTE: Apple Computer, Inc. is not responsible for the contents of this article.

Quark Technical Support

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