

## ENTRY

### HIGHLIGHTS

- 3.5-inch 5400 RPM entry hard drives
- Capacities up to 40GB
- Designed for entry-level desktop systems and consumer electronics applications

### FEATURES

Industry leading design, optimized to meet the needs of entry-level and value applications:

- Supports today's favorite capacity – 40GB
- ATA/133, the fastest and latest IDE interface
- FDB (fluid dynamic bearing) motor for quiet operation
- Low height to improve airflow and cooling
- Low weight to reduce shipping costs
- Improved reliability with:
  - Shock Protection System™
  - Data Protection System™

## Fireball® 3

ATA HARD DRIVE

40GB

### Combining Value and Performance for Entry-level Desktop Systems

The Maxtor Fireball® 3 drive is the industry's first 40GB single-head/single-platter hard drive with an Ultra ATA/133 interface. Because it combines value and performance, this drive is an excellent choice for entry-level desktop systems and consumer electronics applications.

#### Delivering Reliability

The Maxtor Fireball 3 drive is the latest in the family of Maxtor single-platter 5400 RPM hard drives designed for higher reliability. The drive's inner diameter load/unload ramp locks the recording head into a protective carrier to cradle the head during shipment and any other time the drive is not in operation. The Fireball 3 drive takes reliability and data integrity to a higher level with the Maxtor Shock Protection System™ (SPS) and Data Protection System™ (DPS). SPS and DPS give the user enhanced protection against both

operating and non-operating shock and verify essential functions in seconds to minimize costly drive returns. These drives continue the Maxtor tradition of delivering high reliability with performance.

#### Quiet Operation

Maxtor Quiet Drive™ Technology provides users with superior disk drive acoustics by reducing noise levels and improving sound quality. When your application calls for a cost-effective, high-performance storage solution, select the Fireball 3 series.



**Capacity****40GB****Model** ATA/133, 2MB buffer, FDB motor**2F040L0****Performance Specifications**

Rotational Speed	5400 RPM
Buffer Size	2MB
External Transfer Rate(MB/sec)	133
Average Seek (ms)	≤12
Average Latency (ms)	<5.5

**Drive Configuration**

Bytes per Sector/Block	512
Logical CHS	16,383/16/63

**Reliability Specifications**

Head Load/Unload (min)	100,000
Component Design Line (min)	5 years
Data Errors (non-recoverable)	<1 per 10E 15 bits read
Annualized Return Rate (ARR)	<1%

**Power Requirements**

Mode	5V	12V
Seek (mA)	340	448
Idle (mA)	350	258
Standby (mA)	111	36

**Environmental Limits****Acoustics**

Idle (sound power: bel)	2.7
Seek (sound power: bel)	2.8

**Temperature**

Operating (°C)*	5 to 60
Non-operating (°C)	-40 to 71

**Shock**

Operating Mechanical Shock 2ms (G)	60
Non-operating Mechanical Shock 2ms (G)	300

**Physical Dimensions**

Width max (typical mm)	101.6
Length max (max mm)	146.1
Height max (max mm)	17.5
Weight (LB/g)	1.12/509



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All Maxtor products are backed by our leading service and support staff.

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- Advance replacement in 2 business days
- 24-hour on-line troubleshooting tools and e-mail
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To speak with a Maxtor product support representative in the U.S. and Canada, call 1-800-2MAXTOR, Mon.-Fri. from 5 a.m. to 5 p.m. (PST).

In Europe, call +353 1 204 1111 Mon.-Thur. from 8:30 a.m. to 5 p.m. (GMT) and Fri. 8:30 a.m. to 4 p.m. (GMT).

In Australia, call +61 2 9369 3662. In Japan, call 00531653616, And in Singapore, call 65-6852-0220 or 1-800-481-6788.

\*See product manual for operating temperature  
Specifications subject to change without notice. GB means 1 billion bytes. Total accessible capacity varies depending on operating environment. Seek times and acoustics are average values. Seek performance developed utilizing technology licensed from Convolve, Inc.

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