



DiamondMax® 10

ATA HARD DRIVE

80GB 120GB 160GB 200GB 250GB 300GB

HIGHLIGHTS

- 3.5-inch 7200 RPM Serial ATA hard drive
- Capacities up to 300GB
- Leading performance and reliability for desktop applications

FEATURES

- Choice of parallel or serial interfaces
- Second-generation Serial ATA with 1.5Gb/sec interface speed
- Native command queuing
- Ultra ATA data transfer speeds up to 133MB/sec
- 8MB cache buffer for 80GB, 120GB, 160GB and 200GB drive
- 16MB cache buffer for 250GB and 300GB drive
- Fluid dynamic bearing motor for quiet operation
- Improved reliability with:
 - Shock Protection System™
 - Data Protection System™

Enhanced reliability and great performance

Maxtor creates a new standard with the introduction of the DiamondMax 10 drive. Its high capacity, enhanced reliability and great performance combine to make this the perfect drive for home or office desktop users.

Interface choices

DiamondMax 10 gives users the choice of the available data transfer rates and functionality in either a serial or parallel interface.

Serial ATA

The DiamondMax 10 drive incorporates the latest features of the Serial ATA interface, with data transfer rates and functions to accelerate system performance.

Parallel ATA*

DiamondMax 10 drive is also available with the industry's fastest version of the parallel ATA interface. The Maxtor-developed Ultra ATA/133 interface maximizes performance potential by supporting data transfer rate up to 133MB/sec.

High Performance

DiamondMax 10 SATA drive supports native command queuing (NCQ), which intelligently reorders read and write commands to improve performance.

Using larger buffers (8MB on 80GB to 200GB, 16MB on 250GB and 300GB), the DiamondMax drive delivers industry-leading benchmarks and blazing performance.

Delivering reliability

The DiamondMax 10 drives deliver high reliability and data integrity using the Maxtor-developed Shock Protection System™ and Data Protection System™ to give the drive enhanced protection against operating and non-operating shock.



*Note Serial ATA features like native command queuing are not available on drives with a parallel interface

