

Product Overview

DiamondMax 21

Reliability and value for mainstream PC applications

DiamondMax 21 hard drives are excellent solutions for integrators and system builders.

Maxtor® DiamondMax® 21 hard drives continue the Maxtor tradition of delivering well-engineered, reliable storage products. The DiamondMax family of drives provides a value storage solution for entry and mainstream, home and office PC applications that require a hard drive with a balance of the most popular capacities, basic performance, and reliability.

Key Advantages

- Support mainstream desktop PCs
- Capacities of 80 GB to 500 GB
- SATA 3Gb/s interface enables use of Serial ATA features such as Native Command Queuing
- ATA/100 interface enables replacement and upgrade storage solutions for legacy PATA systems
- 2-, 8- or 16-MB cache support mainstream performance
- Robust design for system reliability and data protection
- 3-year limited warranty

Key Specifications

- Mainstream capacities from 80 GB to 500 GB
- Choice of ATA/100 or SATA 3Gb/s interfaces
- 7,200-RPM spin speed
- 2-, 8- or 16-MB cache for performance
- 0°C to 60°C operating temperature for increased reliability margin



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Maxtor Brand and the Seagate Advantage

Maxtor is part of the Seagate® family of brands and products, with all the advantages of acclaimed Seagate world-class manufacturing and operations. DiamondMax 21 drives have the benefits of Seagate technical and product design leadership to assure a predictable supply of robust and reliable products.

Product Description

DiamondMax 21 drives are the latest generation of Maxtor drives. These 3.5-inch form factor, 7,200-RPM drives are targeted at entry and mainstream PCs, as well as non-traditional ATA applications that require a value solution with solid performance.

Best-Fit Applications

If you're building mainstream ATA storage solutions, there's a Maxtor drive that's just right for you and your budget. The DiamondMax family of drives provides the right combination of capacity and performance with reliability and value.

- Entry-level PCs
- Home desktop PCs
- Business desktop PCs
- Non-traditional ATA storage applications
- External storage

Additional Features

- DiamondMax 21 drives with the Serial ATA interface have the performance benefits of 3.0-Gb/s maximum data transfer rates.
- DiamondMax 21 drives with the Serial ATA interface support Native Command Queuing, enabling the drive to intelligently reorder the sequence in which commands are executed to maximise efficiency and performance.
- The robust design of the DiamondMax family of drives assures reliable operation.
- DiamondMax 21 drives conform to the requirements of the European Union Directive in Restriction of Hazardous Substances (RoHS).

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Specifications	
Capacity (GB)	80, 160, 250, 320, 500
Interface	Ultra ATA or SATA 3Gb/s with NCQ
Cache (MB)	2, 8 or 16
Spindle Speed (RPM)	7,200
Shock, Operating, 2 ms (Gs)	63
Shock, Non-operating, 2 ms (Gs)	350

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