

Product Overview

DiamondMax 20 and DiamondMax 21

Reliability and value for mainstream PC applications

DiamondMax 20 and DiamondMax 21 hard drives are an excellent solution for integrators and system builders.

Maxtor® DiamondMax® 20 and 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 popular entry and mainstream desktop PCs
- Capacities of 40 GB to 320 GB
- 3.0-Gb/s Serial ATA 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-MB and 8-MB cache support mainstream performance
- Robust design for system reliability and data protection
- 3-year warranty

Key Specifications

- Mainstream capacities from 40 GB to 320 GB
- Choice of ATA/100 or Serial ATA interfaces
- 7200-RPM spin speed
- 2-MB or 8-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 now part of the Seagate family of brands and products. Maxtor products gain the advantages of acclaimed Seagate world-class manufacturing and operations. DiamondMax 20 and DiamondMax 21 drives now reap the benefits of Seagate technical and product design leadership. The result is a predictable supply of robust and reliable products.

Product Description

DiamondMax 20 and DiamondMax 21 drives are the latest generation of Maxtor drives. These 3.5-inch form factor, 7200-RPM drives are targeted at entry and mainstream PCs and 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 20 and DiamondMax 21 drives with the Serial ATA interface have the performance benefits of 3.0-Gb/s maximum data transfer rates.
- DiamondMax 20 and 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 maximize efficiency and performance.
- The robust design of the DiamondMax family of drives assures reliable operation.
- DiamondMax 20 and 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)	40, 80, 160, 250, 320
Interface	Ultra ATA/100 or SATA 3Gb/s with NCQ
Cache (Mbytes)	2, 8
Spindle Speed (RPM)	7200
Shock, Operating, 2 ms (G)	63
Shock, Nonoperating, 2 ms (Gs)	350

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