



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for MAXTOR 536DX. You'll find the answers to all your questions on the MAXTOR 536DX in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAXTOR 536DX
User guide MAXTOR 536DX
Operating instructions MAXTOR 536DX
Instructions for use MAXTOR 536DX
Instruction manual MAXTOR 536DX



Maxtor

5400 RPM
3.5-INCH CAPACITY-CLASS HARD DRIVES
Capacities up to 100GB

536DX

Maximize your computer's data storage capacity with Maxtor 536DX hard drives. These high-capacity drives, available in formatted capacities up to 100GB, are designed for fast desktop systems and small workstations. They're specially suited to storage-hungry multimedia and Internet applications where high burst and sustained transfer rates are crucial. Their UltraATA/100 interface and 2MB SDRAM cache buffer provide data transfer speeds up to 100 megabytes per second. They also have Maxtor Adaptive ATA Control™ for unsurpassed data integrity and Maxtor Silent Store® technology for whisper-quiet acoustic performance. Whether your application is technical, multimedia or Internet-based, the Maxtor 536DX delivers an unbeatable combination of capacity, speed and reliability.

Designed for Desktop Systems

HIGHLIGHTS:
Fast ATA/Enhanced IDE compatible
Digital Signal Processor (DSP)-Based Architecture
Ultra ATA/100 Data Transfer Rate
2MB SDRAM Cache Buffer
11 ms Seek Time
No Quibble Service® and Support



[You're reading an excerpt. Click here to read official MAXTOR 536DX user guide](http://yourpdfguides.com/dref/2943725)
<http://yourpdfguides.com/dref/2943725>

Manual abstract:

5-INCH CAPACITY-CLASS HARD DRIVES Capacities up to 100GB Designed for Desktop Systems Maximize your computer's data storage capacity with Maxtor 536DX hard drives. These high-capacity drives, available in formatted capacities up to 100GB, are designed for fast desktop systems and small workstations. They're specifically suited to storage-hungry multimedia and Internet applications where high burst and sustained transfer rates are crucial. Their Ultra ATA/100 interface and 2MB SDRAM cache buffer provide data transfer speeds up to 100 megabytes per second. They also have Maxtor Adaptive ATA Control™ for unsurpassed data integrity and Maxtor Silent Store™ technology for whisper-quiet acoustic performance. Whether your application is technical, multimedia or Internet-based, the Maxtor 536DX delivers an unbeatable combination of capacity, speed and reliability.

HIGHLIGHTS: Fast ATA/Enhanced IDE compatible Digital Signal Processor (DSP)-Based Architecture Ultra ATA/100 Data Transfer Rate 2MB SDRAM Cache Buffer 11 ms Seek Time No Quibble Service® and Support Maxtor Industry Awards Best Buy DiamondMax Plus 60 and VL 40 PC World, March 2001 Best of the Best: Hardware DiamondMax 80 (80GB) Smart Business, January 2001 Recommended List DiamondMax Plus 60 (60GB) Winmag.com, December 2000 Kick Ass Product DiamondMax Plus 40 (40GB) Maximum PC, April 2000 MODEL CAPACITY HEADS PLATTERS 4W100H6 100GB 6 3 4W080H6 80GB 6 3 4W060H4 60GB 4 2 4W040H3 40GB 3 2 4W030H2 30GB 2 1 The Maxtor 536DX delivers outstanding capacity including: · Up to 100GB of data storage capacity · Fast data transfer speeds (up to 100MB/sec) · 5400 RPM spin speed · 11 ms average seek · 2MB cache buffer · 3-year warranty **P E R F O R M A N C E S P E C I F I C A T I O N S P O W E R R E Q U I R E M E N T S (R M S A V E R A G E)** MODE 12V (MA) 5V (MA) POWER (W) Seek Times (typical read, ms) Track to Track Average (normal seek) Full Stroke (normal seek) Average Latency Controller Overhead Drive Ready Time (typical, sec) **D A T A T R A N S F E R S P E E D (M B Y T E / S E C , M A X)** 1.0 11.0 20.

0 5.55 < 0.3 < 10 Spin-up (peak) Seek Read/Write Idle Standby Sleep 640 370 280 180 30 30 340 370 390 340 140 100 6.2 5.5 4.

0 1.0 0.8 **ENVIRONMENTAL LIMITS** To/From Interface To/From Media Sustained at OD Sustained at ID **D R I V E C O N F I G U R A T I O N** 100 43.2 29.0 16.

4 **ACOUSTICS**1 (SOUND POWER: BEL) Idle mode (track following at speed) Normal seek mode 3.0 avg 3.2 max 3.4 avg 3.6 max 5° C to 55° C - 40° C to 71° C 5% to 95% 27° C Integrated Controller Buffer Size Buffer Type Data Zones per Surface Bytes per Sector/Block Rotation Speed (RPM ± 0.1%) **R E L I A B I L I T Y S P E C I F I C A T I O N S** Ultra ATA/100 2 MB SDRAM 16 512 5400 **T E M P E R A T U R E** Operating Non-operating, Storage **R E L A T I V E H U M I D I T Y (N O N - C O N D E N S I N G)** Operating, Non-operating, Storage Maximum Wet Bulb, Operating **V I B R A T I O N** Operating, random, no errors2 Start/Stop Cycles (min) Component Design Life (min) Data Errors (non-recoverable) Annualized Failure Rate (AFR) > 50,000 5 years < 1 per 10E15 bits read < 0.5% 10 to 300 Hz at 0.004 G2/Hz 301 to 500 Hz at 0.00005 G2/Hz Non-operating, random 10 to 2,000 Hz at 4.08 Grms, no damage Operating, swept sine (1 octave/minute, peak amplitude) 10 to 300 Hz 1.

0 G 301 to 400 Hz 0.25 G 401 to 500 Hz 0.0625 G **SHOCK** Operating Mechanical Shock Non-operating Mechanical Shock 30 Gs, 2 ms, no errors2 300 Gs, 2 ms, no damage2 All Maxtor products are backed by the No Quibble Service® policy, the benchmark for service and support in the industry. @@and Canada) 1-800-2MAXTOR. Available 5 A.M. 5 P.M. (PT) Mon Fri; (Europe) +353 1 204 1111. Available 9:30 A.M. 6 P.M. (CET) Mon Thurs and 9:30 A.M.

5 P.M. (CET) Fri; (Asia/Pacific) +61 2 9369 3662. Available 8 A.M.

5:30 P.M. @@GB means 1 billion bytes. Total accessible capacity varies depending on operating environment. 1Acoustics measured at sea level. 2Without non-recoverable errors. @@@@ Copyright © 2001 Maxtor Corporation. Printed in the U.S.A.

5/01 536DX/5089 60K Muller.



[You're reading an excerpt. Click here to read official MAXTOR](#)

[536DX user guide](#)

<http://yourpdfguides.com/dref/2943725>