

## Product Overview

# LD25.2 Series

40 GB and 80 GB hard drives

**Ideal combination of capacity and size for leading-edge game consoles, low-profile DVRs and small-footprint computing applications**

### Key Advantages

- Sweet-spot capacities, 40 GB and 80 GB, to enable a range of applications
- Small footprint (2.5-inch form factor) to enable cutting-edge industrial designs
- Cost-optimized to provide a better value for stationary applications
- Whisper-quiet operation to deliver pure enjoyment of digital media
- Power efficiency to enable low-cost power designs and enhance thermal management

### Best-Fit Applications and Markets

- Stationary videogame consoles
- Low-profile digital video recorders (DVR)
- Small-footprint computing devices
- Printers/copiers/scanners
- Kiosks/POS devices/ATMs/other embedded system devices
- Stationary external storage devices



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## Product Description

The Seagate® LD25.2 Series drive is the ideal combination of capacity and size for leading-edge game consoles, low-profile DVRs, and small-footprint computing applications. Providing a lower cost alternative to standard laptop-size storage solutions, the LD25.2 Series drive delivers sweet-spot capacities of 40 GB and 80 GB, whisper quiet acoustics, and low power consumption.

## Made for Unique Applications

Your application needs determine the capacity, performance and interface requirements of your hard drive. The LD25.2 Series drive is ideal for space-constrained designs where power consumption, acoustics and reliability matter because it:

- Provides 2.5-inch storage options without the cost burden of drives designed for notebook PCs or other mobile applications
- Runs cooler and requires less power than desktop drives for less than the cost of notebook drives
- Includes SATA interface with NCQ, like both desktop and notebook
- Incorporates SoftSonic™ motors and quiet-look profiles for whisper-quiet operation.

| Specifications                |  |
|-------------------------------|--|
| Capacity (GB)                 | 40, 80   |
| Interface                     | ATA, SATA 1.5Gb/s with NCQ (Native Command Queuing)    |
| Cache (MB)                    | 2  |
| Spindle Speed (RPM)           | 5400   |
| Shock, Operating (Gs)         | 175  |
| Shock, Nonoperating (Gs)      | 500  |
| Acoustics, Idle (bels)        | 2.4  |
| Operating Temperature (°C)    | 0 to 60  |
| Annualized Failure Rate (AFR) | <0.6% (Desktop, Gaming 2400 POH), <2.0% (DVR 8760 POH) |

## Advantages of Perpendicular Recording

After more than ten years of pioneering research at Seagate, perpendicular recording is now a proven technology. It increases capacity and dependability by storing data vertically, rather than horizontally. And vertically stored data bits mean increased data density—which means higher performance to increase productivity. All LD25.2 Series drives come standard with perpendicular recording, enabling a more dependable drive.

## Seagate Makes the Best Even Better With a 5-Year Limited Warranty

Seagate offers the industry's leading warranty to demonstrate our commitment to product reliability and our customers' success. Every Seagate brand internal hard drive is covered under a five-year limited warranty.

## Seagate Service Centers—Worldwide Support

- Get presales and technical support at support.seagate.com.
- Visit our knowledge base for answers to common support questions.
- Find documentation for current and legacy drives.
- Utilize our online troubleshooting and diagnostic tools.
- Download DiscWizard™ to help migrate data from an older drive.
- Seagate also offers multi-lingual phone, email and chat support.
- Seagate Design Service Centers (DSC) help companies transform innovative ideas into viable products.

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