

# Storage Mechanisms: Disk

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IDC's Storage Mechanisms: Disk service analyzes and forecasts the worldwide demand for hard disk drives (HDDs) and components (heads, media, substrates, and suspensions). It segments annual HDD forecasts by system platform, including portable PCs, desktop PCs, enterprise storage systems, video surveillance, and consumer electronics/industrial applications. In addition, the service provides quarterly shipment analysis by HDD form factor, interface, and supplier. With its detailed tracking database, IDC's Storage Mechanisms: Disk service helps bring clarity to noteworthy market and technology trends affecting HDD product requirements and demand.

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## MARKETS AND SUBJECTS ANALYZED

- Hard disk drives
  - HDD recording heads
  - HDD component technology trends
  - Quarterly demand for disk media, substrates, heads, and suspensions by HDD supplier and form factor
  - Annual HDD component unit forecast demand and analysis
  - HDD consumption and forecast (annually)
  - HDD factory revenue (annually and quarterly)
  - HDD petabyte shipments (annually and quarterly)
  - HDD supplier performance analysis (quarterly)
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## CORE RESEARCH

- Hard Disk Drive Forecast and Analysis
  - Market Trends Reported Quarterly
  - Hard Disk Drive Competitive Analysis
  - HDD Price Trends
  - Worldwide HDD Component Forecast and Analysis
  - Worldwide Quarterly HDD Component Analysis
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In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: [Storage Mechanisms: Disk](#).

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## KEY QUESTIONS ANSWERED

1. What is the size of and what is the growth rate for the HDD market in terms of units, petabytes, and revenue?
  2. What factors and markets drive the demand for HDDs?
  3. What are the HDD price trends?
  4. How are HDD vendors positioned within the HDD market?
  5. What is the long-term demand for various HDD components?
  6. How quickly are HDD technology transitions occurring, and when should industry participants be prepared to support them?
  7. What are the near-term and long-term forecasts for the number of components per drive?
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## COMPANIES ANALYZED

This service reviews the strategies, market positioning, and future direction of several providers in the Hard Drive market, including: Broadcom, Fuji Electric, HGST, Hoya, Magnecomp Precision Technology, Marvell, Minebea, MMI, NHK Spring, Nidec, Resonac, Seagate, TDK, Toshiba, and Western Digital

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