



OBJECTIVE ANALYSIS

Semiconductor Market Research

OBJECTIVE ANALYSIS DETAILED REPORT

SOLID STATE DISK MARKET OUTLOOK

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Abstract:

This report takes an exhaustive look at the Solid-State Disk (SSD) markets for notebook & desktop PCs, data centers, and the many other SSD applications including military and industrial, providing technical information, market dynamics, a forecast, and a competitive analysis of 28 important SSD makers. Read this to understand users' wants and needs, the competitive landscape, and market drivers.

Contents:

Executive Summary

Market Overview

Features/Benefits of SSDs over HDDs

- Pricing outlook for both technologies

- The floor price dynamics and what it means to these two markets

- Wear mechanisms and their expected outcomes

SSD Applications and Markets

- Description and forecast for each application

 - Industrial

 - Process control (including subcategories)

 - Test & measurement (including subcategories)

 - Military/Aerospace

 - C3

 - Navigation

 - Weapons systems

 - Servers on commercial aircraft

 - Data Processing

 - PCs

 - Desktop

 - Notebook

 - Ultra-Portable

 - Servers

 - SAN

 - NAS

 - High up-time applications (including communications)

 - Routers

 - Switches

 - Base Stations

 - Consumer

Set Top Box
Media Server

SSD Vendor Profiles for 28 vendors including: Samsung, Intel, SuperTalent, SanDisk, WD/SilconSystems, Bit Micro, Simpletech, Adtron, OCZ, SMART Modular/Adtron, Kingston, Apacer, Transcend, ATP, and many others). Each profile contains:

- Overview
- Product Offerings
- Strengths/Weaknesses
- Outlook

Controller Manufacturer Profiles

Technical Issues

SSD Interfaces

- IDE/PATA
- SATA
- Fibre Channel
- SAS
- PCI express

SSDs' impact on the NAND market

Impact of NAND cache on adoption of SSDs

Forecasts for HDDs vs. SSDs
High acceptance model
Low acceptance model
Most likely scenario