

Solid-state Drives (SSD) Technology: Global Market Analysis

https://marketpublishers.com/r/SA49E967D89EN.html

Date: September 2017

Pages: 103

Price: US\$ 1,250.00 (Single User License)

ID: SA49E967D89EN

Abstracts

The global market for solid-state drives (SSD) was valued at \$23.3 billion in 2016. This market will grow from \$26.8 billion in 2017 to \$52.5 billion by 2022 with a compound annual growth rate (CAGR) of 14.4% for the period of 2017-2022.

The enterprise market will grow from \$14.5 billion in 2017 to \$31.2 billion by 2022 with a CAGR of 16.6%.

The client market will grow from \$12.3 billion in 2017 to \$21.3 billion by 2022 with a CAGR of 11.6%.



Contents

CHAPTER 1: INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Information Sources
Methodology
Supporting Content for Segmentation
Regional Breakdown
Analyst's Credentials
Related BCC Research Reports

CHAPTER 2: SUMMARY AND HIGHLIGHTS

CHAPTER 3: MARKET AND TECHNOLOGY BACKGROUND

Key Market Drivers

Data Centers, IP Traffic, and Digital Content

Decrease in Price of NAND Flash Memory

Megatrends in Personal Computing
Increased Demand for Managed Cloud Services

Key Market Challenges

Limitations of NAND

HDDs Not Yet Dead

Stable to Higher SSD Prices

Potential Commercialization of Futuristic Storage Technologies

CHAPTER 4: MARKET BREAKDOWN BY CAPACITY

Global SSD Market by Capacity Type, 2016–2022 Global SSD Market for Capacity Type by Region, 2016–2022

CHAPTER 5: MARKET BREAKDOWN BY INTERFACE TYPE

Global SSD Market by Interface Type, 2016–2022 Global SSD Market for Interface Type by Application, 2016–2022 Global SSD Market for Interface Type by Capacity, 2016–2022



CHAPTER 6: MARKET BREAKDOWN BY APPLICATION TYPE

Global SSD Market by Application Type, 2016–2022

Global SSD Market for Application Type by Capacity, 2016–2022

Global SSD Market for Application Type by Region, 2016–2022

CHAPTER 7: MARKET BREAKDOWN BY REGION

Global SSD Market by Region, 2016–2022

Regional SSD Markets by Capacity, 2016–2022

Regional SSD Markets by Application, 2016–2022

Regional SSD Markets by Interface, 2016–2022

CHAPTER 8: ANALYSIS OF MARKET OPPORTUNITIES

Key Market Opportunities

Evolution of Storage Technologies Driven by Performance

High-IOPS SSDs to Shape the Future

Significant Rise in Average Capacity

Rapid Performance Improvements by NVMe Protocol for PCIe SSD

CHAPTER 9: PATENT ANALYSIS AND TECHNOLOGY INNOVATION

CHAPTER 10: COMPANY PROFILES

Appendix A: Abbreviations

Appendix B: Organizations

About BCC Research

About BCC Research

BCC Membership

BCC Custom Research....

..... 119List of Tables

Summary Table: A Global SSD Market, by Capacity, Through 2022 (\$ Billions)

Summary Table: B Global SSD Market, by Application, Through 2022 (\$ Billions)

Summary Table: C Global SSD Market, by Interface, Through 2022 (\$ Billions)

Summary Table: D Global SSD Market, by Region, Through 2022 (\$ Billions)

Table 1 User Engagement Per Minute on Various Digital Networks and Content-sharing

Platforms, 2016



- Table 2 Comparison of NAND Wholesale Prices (Price per GB, \$)
- Table 3 Scope of Deployment of Managed Cloud Services
- Table 4 Global SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 5 Global SSD Market for 250 GB Capacity, by Region, Through 2022 (\$ Billions)
- Table 6 Global SSD Market for 250 GB, 500 GB Capacity, by Region, Through 2022 (\$ Billions)
- Table 7 Global SSD Market, for 500 GB, 1 TB Capacity, by Region, Through 2022 (\$ Billions)
- Table 8 Global SSD Market for 1 TB Capacity, by Region, Through 2022 (\$ Billions)
- Table 9 Global SSD Market, by Interface, Through 2022 (\$ Billions)
- Table 10 Global SATA SSD Market, by Application, Through 2022 (\$ Billions)
- Table 11 Global SAS SSD Market, by Application, Through 2022 (\$ Billions)
- Table 12 Global PCIe SSD Market, by Application, Through 2022 (\$ Billions)
- Table 13 Global SATA SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 14 Global SAS SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 15 Global SSD PCIe Market, by Capacity, Through 2022 (\$ Billions)
- Table 16 Global SSD Market, by Application, Through 2022 (\$ Billions)
- Table 17 Global Enterprise Application SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 18 Global Client Application SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 19 Global Enterprise Application SSD Market, by Region, Through 2022 (\$ Billions)
- Table 20 Global Client Application SSD Market, by Region, Through 2022 (\$ Billions)
- Table 21 Global SSD Market, by Region, Through 2022 (\$ Billions)
- Table 22 Americas SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 23 APAC SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 24 EMEA SSD Market, by Capacity, Through 2022 (\$ Billions)
- Table 25 Americas SSD Market, by Application, Through 2022 (\$ Billions)
- Table 26 APAC SSD Market, by Application, Through 2022 (\$ Billions)
- Table 27 EMEA SSD Market, by Application, Through 2022 (\$ Billions)
- Table 28 Americas SSD Market, by Interface, Through 2022 (\$ Billions)
- Table 29 APAC SSD Market, by Interface, Through 2022 (\$ Billions)
- Table 30 EMEA SSD Market, by Interface, Through 2022 (\$ Billions)
- Table 31 Comparison of SSD and HDD, 2016
- Table 32 Average Capacities of SSDs by Top Manufacturers (GB)
- Table 33 Global SSD Market, Patents Filed, 2017
- Table 34 ADATA Technology's Company Financials, 2014-2016 (\$ Millions)
- Table 35 Apacer Technology Inc.'s SSD Products
- Table 36 ATP Electronics Inc.'s Products



Table 37 Avant Technology's SSD Products

Table 38 Corsair Components Inc.'s SSD Products

Table 39 Greenliant Systems' SSD Products

Table 40 Intel's SSD Products

Table 41 Intel Corp.'s Company Financials, 2014-2016 (\$ Billions)

Table 42 Lite-On Storage's SSD Products

Table 43 Memoright Corp.'s SSD Products

Table 44 Micron Technology's Company Financials, 2014-2016 (\$ Millions)

Table 45 Microsemi Corp.'s SSD Products

Table 46 Microsemi Corp.'s Company Financials, 2014-2016 (\$ Billions)

Table 47 Mushkin's SSD Products

Table 48 Patriot Memory LLC's SSD Products

Table 49 PNY's SSD Products

Table 50 Samsung Electronics' Company Financials, 2014-2016 (\$ Thousands)

Table 51 Seagate Technology's Company Financials, 2014-2016 (\$ Millions)

Table 52 SK Hynix's SSD Products

Table 53 SK Hynix Inc.'s Company Financials, 2014-2016 (Millions Won)

Table 54 TDK Corp.'s SSD Products

Table 55 TDK Corp.'s Company Financials, 2014-2016 (? Millions)

Table 56 Toshiba Corp.'s Company Financials, 2014-2016 (? Millions)

Table 57 Transcend Information Inc.'s SSD Products

Table 58 Transcend Information Inc.'s Company Financials, 2014-2016 (\$ Millions)

Table 59 Western Digital Corp.'s Company Financials, 2014-2016 (\$ Millions)

Table 60 Abbreviations Used in Global SSD Market

Table 61 Organizations Associated with the SSD

Market...... 117LIST OF FIGURES

Summary Figure: A Global SSD Market, by Capacity, 2016–2022 (\$ Billions)

Summary Figure: B Global SSD Market, by Application, 2016–2022 (\$ Billions)

Summary Figure: C Global SSD Market, by Interface, 2016–2022 (\$ Billions)

Summary Figure: D Global SSD Market, by Region, 2016–2022 (\$ Billions)

Figure 1 Shipments of Major Personal Devices, 2016–2022 (Million Units)

Figure 2 Global SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 3 Global SSD Market for 250 GB Capacity, by Region, 2016–2022 (\$ Billions)

Figure 4 Global SSD Market for 250 GB, 500 GB Capacity, by Region, 2016–2022 (\$ Billions)

Figure 5 Global SSD Market for 500 GB, 1 TB Capacity, by Region, 2016–2022 (\$ Billions)

Figure 6 Global SSD Market for 1 TB Capacity, by Region, 2016–2022 (\$ Billions)

Figure 7 Global SSD Market, by Interface, 2016–2022 (\$ Billions)



Figure 8 Global SATA SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 9 Global SAS SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 10 Global PCIe SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 11 Global SATA SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 12 Global SAS SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 13 Global SSD PCIe Market, by Capacity, 2016–2022 (\$ Billions)

Figure 14 Global SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 15 Global Enterprise Application SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 16 Global Client Application SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 17 Global Enterprise Application SSD Market, by Region, 2016–2022 (\$ Billions)

Figure 18 Global Client Application SSD Market, by Region, 2016–2022 (\$ Billions)

Figure 19 Global SSD Market, by Region, 2016–2022 (\$ Billions)

Figure 20 Americas SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 21 APAC SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 22 EMEA SSD Market, by Capacity, 2016–2022 (\$ Billions)

Figure 23 Americas SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 24 APAC SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 25 EMEA SSD Market, by Application, 2016–2022 (\$ Billions)

Figure 26 Americas SSD Market, by Interface, 2016–2022 (\$ Billions)

Figure 27 APAC SSD Market, by Interface, 2016–2022 (\$ Billions)

Figure 28 EMEA SSD Market, by Interface, 2016–2022 (\$ Billions)

Figure 29 NAND Flash Memory Output in Exabytes



I would like to order

Product name: Solid-state Drives (SSD) Technology: Global Market Analysis

Product link: https://marketpublishers.com/r/SA49E967D89EN.html

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/SA49E967D89EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:		
Last name:		
Email:		
Company:		
Address:		
City:		
Zip code:		
Country:		
Tel:		
Fax:		
Your message:		
	**All fields are required	
	Custumer signature	

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970