

2020-2025 Global PCIe SSD Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

<https://marketpublishers.com/r/28A0F7538B10EN.html>

Date: May 2021

Pages: 133

Price: US\$ 3,360.00 (Single User License)

ID: 28A0F7538B10EN

Abstracts

PCI Express (Peripheral Component Interconnect Express), officially abbreviated as PCIe or PCI-e, is a high-speed serial computer expansion bus standard designed to replace the old PCI, PCI-X and AGP bus standards. It is a universal motherboard interface for personal computer graphics, hard drive, SSD, Wi-Fi and Ethernet hardware connections. PCIe has many improvements in the old standard, including higher maximum system bus throughput, lower I/O pin count and smaller physical footprint, better bus device performance expansion, more detailed error detection and Reporting mechanism (Advanced Error Reporting, AER), and native hot plugging capabilities. The latest PCIe standard revision provides hardware support for I/O virtualization.

This report elaborates the market size, market characteristics, and market growth of the PCIe SSD industry, and breaks down according to the type, application, and consumption area of PCIe SSD. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for PCIe SSD in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global PCIe SSD market covered in Chapter 13:

Toshiba

OCZ

LSI Corporation

SK Hynix

Violin Memory

Intel

Western Digital

Kingston Technology

Memblaze

Micron

IBM

ADATA

Seagate

Apacer

Samsung

Nimbus Data Systems

In Chapter 6, on the basis of types, the PCIe SSD market from 2015 to 2025 is primarily split into:

MLC NAND

TLC NAND

3D NAND

In Chapter 7, on the basis of applications, the PCIe SSD market from 2015 to 2025 covers:

Data Centers

Desktop PCs

Notebooks/Tablets

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States

Europe

China

Japan

India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India

South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

Contents

1 PCIE SSD MARKET - RESEARCH SCOPE

- 1.1 Study Goals
- 1.2 Market Definition and Scope
- 1.3 Key Market Segments
- 1.4 Study and Forecasting Years

2 PCIE SSD MARKET - RESEARCH METHODOLOGY

- 2.1 Methodology
- 2.2 Research Data Source
 - 2.2.1 Secondary Data
 - 2.2.2 Primary Data
 - 2.2.3 Market Size Estimation
 - 2.2.4 Legal Disclaimer

3 PCIE SSD MARKET FORCES

- 3.1 Global PCIe SSD Market Size
- 3.2 Top Impacting Factors (PESTEL Analysis)
 - 3.2.1 Political Factors
 - 3.2.2 Economic Factors
 - 3.2.3 Social Factors
 - 3.2.4 Technological Factors
 - 3.2.5 Environmental Factors
 - 3.2.6 Legal Factors
- 3.3 Industry Trend Analysis
- 3.4 Industry Trends Under COVID-19
 - 3.4.1 Risk Assessment on COVID-19
 - 3.4.2 Assessment of the Overall Impact of COVID-19 on the Industry
 - 3.4.3 Pre COVID-19 and Post COVID-19 Market Scenario
- 3.5 Industry Risk Assessment

4 PCIE SSD MARKET - BY GEOGRAPHY

- 4.1 Global PCIe SSD Market Value and Market Share by Regions
 - 4.1.1 Global PCIe SSD Value (\$) by Region (2015-2020)

- 4.1.2 Global PCIe SSD Value Market Share by Regions (2015-2020)
- 4.2 Global PCIe SSD Market Production and Market Share by Major Countries
 - 4.2.1 Global PCIe SSD Production by Major Countries (2015-2020)
 - 4.2.2 Global PCIe SSD Production Market Share by Major Countries (2015-2020)
- 4.3 Global PCIe SSD Market Consumption and Market Share by Regions
 - 4.3.1 Global PCIe SSD Consumption by Regions (2015-2020)
 - 4.3.2 Global PCIe SSD Consumption Market Share by Regions (2015-2020)

5 PCIE SSD MARKET - BY TRADE STATISTICS

- 5.1 Global PCIe SSD Export and Import
- 5.2 United States PCIe SSD Export and Import (2015-2020)
- 5.3 Europe PCIe SSD Export and Import (2015-2020)
- 5.4 China PCIe SSD Export and Import (2015-2020)
- 5.5 Japan PCIe SSD Export and Import (2015-2020)
- 5.6 India PCIe SSD Export and Import (2015-2020)
- 5.7 ...

6 PCIE SSD MARKET - BY TYPE

- 6.1 Global PCIe SSD Production and Market Share by Types (2015-2020)
 - 6.1.1 Global PCIe SSD Production by Types (2015-2020)
 - 6.1.2 Global PCIe SSD Production Market Share by Types (2015-2020)
- 6.2 Global PCIe SSD Value and Market Share by Types (2015-2020)
 - 6.2.1 Global PCIe SSD Value by Types (2015-2020)
 - 6.2.2 Global PCIe SSD Value Market Share by Types (2015-2020)
- 6.3 Global PCIe SSD Production, Price and Growth Rate of MLC NAND (2015-2020)
- 6.4 Global PCIe SSD Production, Price and Growth Rate of TLC NAND (2015-2020)
- 6.5 Global PCIe SSD Production, Price and Growth Rate of 3D NAND (2015-2020)

7 PCIE SSD MARKET - BY APPLICATION

- 7.1 Global PCIe SSD Consumption and Market Share by Applications (2015-2020)
 - 7.1.1 Global PCIe SSD Consumption by Applications (2015-2020)
 - 7.1.2 Global PCIe SSD Consumption Market Share by Applications (2015-2020)
- 7.2 Global PCIe SSD Consumption and Growth Rate of Data Centers (2015-2020)
- 7.3 Global PCIe SSD Consumption and Growth Rate of Desktop PCs (2015-2020)
- 7.4 Global PCIe SSD Consumption and Growth Rate of Notebooks/Tablets (2015-2020)

8 NORTH AMERICA PCIE SSD MARKET

- 8.1 North America PCIe SSD Market Size
- 8.2 United States PCIe SSD Market Size
- 8.3 Canada PCIe SSD Market Size
- 8.4 Mexico PCIe SSD Market Size
- 8.5 The Influence of COVID-19 on North America Market

9 EUROPE PCIE SSD MARKET ANALYSIS

- 9.1 Europe PCIe SSD Market Size
- 9.2 Germany PCIe SSD Market Size
- 9.3 United Kingdom PCIe SSD Market Size
- 9.4 France PCIe SSD Market Size
- 9.5 Italy PCIe SSD Market Size
- 9.6 Spain PCIe SSD Market Size
- 9.7 The Influence of COVID-19 on Europe Market

10 ASIA-PACIFIC PCIE SSD MARKET ANALYSIS

- 10.1 Asia-Pacific PCIe SSD Market Size
- 10.2 China PCIe SSD Market Size
- 10.3 Japan PCIe SSD Market Size
- 10.4 South Korea PCIe SSD Market Size
- 10.5 Southeast Asia PCIe SSD Market Size
- 10.6 India PCIe SSD Market Size
- 10.7 The Influence of COVID-19 on Asia Pacific Market

11 MIDDLE EAST AND AFRICA PCIE SSD MARKET ANALYSIS

- 11.1 Middle East and Africa PCIe SSD Market Size
- 11.2 Saudi Arabia PCIe SSD Market Size
- 11.3 UAE PCIe SSD Market Size
- 11.4 South Africa PCIe SSD Market Size
- 11.5 The Influence of COVID-19 on Middle East and Africa Market

12 SOUTH AMERICA PCIE SSD MARKET ANALYSIS

- 12.1 South America PCIe SSD Market Size

12.2 Brazil PCIe SSD Market Size

12.3 The Influence of COVID-19 on South America Market

13 COMPANY PROFILES

13.1 Toshiba

13.1.1 Toshiba Basic Information

13.1.2 Toshiba Product Profiles, Application and Specification

13.1.3 Toshiba PCIe SSD Market Performance (2015-2020)

13.2 OCZ

13.2.1 OCZ Basic Information

13.2.2 OCZ Product Profiles, Application and Specification

13.2.3 OCZ PCIe SSD Market Performance (2015-2020)

13.3 LSI Corporation

13.3.1 LSI Corporation Basic Information

13.3.2 LSI Corporation Product Profiles, Application and Specification

13.3.3 LSI Corporation PCIe SSD Market Performance (2015-2020)

13.4 SK Hynix

13.4.1 SK Hynix Basic Information

13.4.2 SK Hynix Product Profiles, Application and Specification

13.4.3 SK Hynix PCIe SSD Market Performance (2015-2020)

13.5 Violin Memory

13.5.1 Violin Memory Basic Information

13.5.2 Violin Memory Product Profiles, Application and Specification

13.5.3 Violin Memory PCIe SSD Market Performance (2015-2020)

13.6 Intel

13.6.1 Intel Basic Information

13.6.2 Intel Product Profiles, Application and Specification

13.6.3 Intel PCIe SSD Market Performance (2015-2020)

13.7 Western Digital

13.7.1 Western Digital Basic Information

13.7.2 Western Digital Product Profiles, Application and Specification

13.7.3 Western Digital PCIe SSD Market Performance (2015-2020)

13.8 Kingston Technology

13.8.1 Kingston Technology Basic Information

13.8.2 Kingston Technology Product Profiles, Application and Specification

13.8.3 Kingston Technology PCIe SSD Market Performance (2015-2020)

13.9 Memblaze

13.9.1 Memblaze Basic Information

- 13.9.2 Memblaze Product Profiles, Application and Specification
- 13.9.3 Memblaze PCIe SSD Market Performance (2015-2020)
- 13.10 Micron
 - 13.10.1 Micron Basic Information
 - 13.10.2 Micron Product Profiles, Application and Specification
 - 13.10.3 Micron PCIe SSD Market Performance (2015-2020)
- 13.11 IBM
 - 13.11.1 IBM Basic Information
 - 13.11.2 IBM Product Profiles, Application and Specification
 - 13.11.3 IBM PCIe SSD Market Performance (2015-2020)
- 13.12 ADATA
 - 13.12.1 ADATA Basic Information
 - 13.12.2 ADATA Product Profiles, Application and Specification
 - 13.12.3 ADATA PCIe SSD Market Performance (2015-2020)
- 13.13 Seagate
 - 13.13.1 Seagate Basic Information
 - 13.13.2 Seagate Product Profiles, Application and Specification
 - 13.13.3 Seagate PCIe SSD Market Performance (2015-2020)
- 13.14 Apacer
 - 13.14.1 Apacer Basic Information
 - 13.14.2 Apacer Product Profiles, Application and Specification
 - 13.14.3 Apacer PCIe SSD Market Performance (2015-2020)
- 13.15 Samsung
 - 13.15.1 Samsung Basic Information
 - 13.15.2 Samsung Product Profiles, Application and Specification
 - 13.15.3 Samsung PCIe SSD Market Performance (2015-2020)
- 13.16 Nimbus Data Systems
 - 13.16.1 Nimbus Data Systems Basic Information
 - 13.16.2 Nimbus Data Systems Product Profiles, Application and Specification
 - 13.16.3 Nimbus Data Systems PCIe SSD Market Performance (2015-2020)

14 MARKET FORECAST - BY REGIONS

- 14.1 North America PCIe SSD Market Forecast (2020-2025)
- 14.2 Europe PCIe SSD Market Forecast (2020-2025)
- 14.3 Asia-Pacific PCIe SSD Market Forecast (2020-2025)
- 14.4 Middle East and Africa PCIe SSD Market Forecast (2020-2025)
- 14.5 South America PCIe SSD Market Forecast (2020-2025)

15 MARKET FORECAST - BY TYPE AND APPLICATIONS

15.1 Global PCIe SSD Market Forecast by Types (2020-2025)

15.1.1 Global PCIe SSD Market Forecast Production and Market Share by Types (2020-2025)

15.1.2 Global PCIe SSD Market Forecast Value and Market Share by Types (2020-2025)

15.2 Global PCIe SSD Market Forecast by Applications (2020-2025)

List Of Tables

LIST OF TABLES AND FIGURES

Figure PCIe SSD Picture
Table PCIe SSD Key Market Segments
Figure Study and Forecasting Years
Figure Global PCIe SSD Market Size and Growth Rate 2015-2025
Figure Industry PESTEL Analysis
Figure Global COVID-19 Status
Figure Market Size Forecast Comparison of Pre COVID-19 and Post COVID-19
Figure Global PCIe SSD Value (\$) and Growth Rate (2015-2020)
Table Global PCIe SSD Value (\$) by Countries (2015-2020)
Table Global PCIe SSD Value Market Share by Regions (2015-2020)
Figure Global PCIe SSD Value Market Share by Regions in 2019
Figure Global PCIe SSD Production and Growth Rate (2015-2020)
Table Global PCIe SSD Production by Major Countries (2015-2020)
Table Global PCIe SSD Production Market Share by Major Countries (2015-2020)
Figure Global PCIe SSD Production Market Share by Regions in 2019
Figure Global PCIe SSD Consumption and Growth Rate (2015-2020)
Table Global PCIe SSD Consumption by Regions (2015-2020)
Table Global PCIe SSD Consumption Market Share by Regions (2015-2020)
Figure Global PCIe SSD Consumption Market Share by Regions in 2019
Table Global PCIe SSD Export Top 3 Country 2019
Table Global PCIe SSD Import Top 3 Country 2019
Table United States PCIe SSD Export and Import (2015-2020)
Table Europe PCIe SSD Export and Import (2015-2020)
Table China PCIe SSD Export and Import (2015-2020)
Table Japan PCIe SSD Export and Import (2015-2020)
Table India PCIe SSD Export and Import (2015-2020)
Table Global PCIe SSD Production by Types (2015-2020)
Table Global PCIe SSD Production Market Share by Types (2015-2020)
Figure Global PCIe SSD Production Share by Type (2015-2020)
Table Global PCIe SSD Value by Types (2015-2020)
Table Global PCIe SSD Value Market Share by Types (2015-2020)
Figure Global PCIe SSD Value Share by Type (2015-2020)
Figure Global MLC NAND Production and Growth Rate (2015-2020)
Figure Global MLC NAND Price (2015-2020)
Figure Global TLC NAND Production and Growth Rate (2015-2020)

Figure Global TLC NAND Price (2015-2020)
Figure Global 3D NAND Production and Growth Rate (2015-2020)
Figure Global 3D NAND Price (2015-2020)
Table Global PCIe SSD Consumption by Applications (2015-2020)
Table Global PCIe SSD Consumption Market Share by Applications (2015-2020)
Figure Global PCIe SSD Consumption Share by Application (2015-2020)
Figure Global Data Centers Consumption and Growth Rate (2015-2020)
Figure Global Desktop PCs Consumption and Growth Rate (2015-2020)
Figure Global Notebooks/Tablets Consumption and Growth Rate (2015-2020)
Figure North America PCIe SSD Market Consumption and Growth Rate (2015-2020)
Table North America PCIe SSD Consumption by Countries (2015-2020)
Table North America PCIe SSD Consumption Market Share by Countries (2015-2020)
Figure North America PCIe SSD Consumption Market Share by Countries (2015-2020)
Figure United States PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Canada PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Mexico PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure North America COVID-19 Status
Figure Europe PCIe SSD Market Consumption and Growth Rate (2015-2020)
Table Europe PCIe SSD Consumption by Countries (2015-2020)
Table Europe PCIe SSD Consumption Market Share by Countries (2015-2020)
Figure Europe PCIe SSD Consumption Market Share by Countries (2015-2020)
Figure Germany PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure United Kingdom PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure France PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Italy PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Spain PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Europe COVID-19 Status
Figure Asia-Pacific PCIe SSD Market Consumption and Growth Rate (2015-2020)
Table Asia-Pacific PCIe SSD Consumption by Countries (2015-2020)
Table Asia-Pacific PCIe SSD Consumption Market Share by Countries (2015-2020)
Figure Asia-Pacific PCIe SSD Consumption Market Share by Countries (2015-2020)
Figure China PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Japan PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure South Korea PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Southeast Asia PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure India PCIe SSD Market Consumption and Growth Rate (2015-2020)
Figure Asia Pacific COVID-19 Status
Figure Middle East and Africa PCIe SSD Market Consumption and Growth Rate (2015-2020)

Table Middle East and Africa PCIe SSD Consumption by Countries (2015-2020)

Table Middle East and Africa PCIe SSD Consumption Market Share by Countries (2015-2020)

Figure Middle East and Africa PCIe SSD Consumption Market Share by Countries (2015-2020)

Figure Saudi Arabia PCIe SSD Market Consumption and Growth Rate (2015-2020)

Figure UAE PCIe SSD Market Consumption and Growth Rate (2015-2020)

Figure South Africa PCIe SSD Market Consumption and Growth Rate (2015-2020)

Figure South America PCIe SSD Market Consumption and Growth Rate (2015-2020)

Table South America PCIe SSD Consumption by Countries (2015-2020)

Table South America PCIe SSD Consumption Market Share by Countries (2015-2020)

Figure South America PCIe SSD Consumption Market Share by Countries (2015-2020)

Figure Brazil PCIe SSD Market Consumption and Growth Rate (2015-2020)

Table Toshiba Company Profile

Table Toshiba Production, Value, Price, Gross Margin 2015-2020

Figure Toshiba Production and Growth Rate

Figure Toshiba Value (\$) Market Share 2015-2020

Table OCZ Company Profile

Table OCZ Production, Value, Price, Gross Margin 2015-2020

Figure OCZ Production and Growth Rate

Figure OCZ Value (\$) Market Share 2015-2020

Table LSI Corporation Company Profile

Table LSI Corporation Production, Value, Price, Gross Margin 2015-2020

Figure LSI Corporation Production and Growth Rate

Figure LSI Corporation Value (\$) Market Share 2015-2020

Table SK Hynix Company Profile

Table SK Hynix Production, Value, Price, Gross Margin 2015-2020

Figure SK Hynix Production and Growth Rate

Figure SK Hynix Value (\$) Market Share 2015-2020

Table Violin Memory Company Profile

Table Violin Memory Production, Value, Price, Gross Margin 2015-2020

Figure Violin Memory Production and Growth Rate

Figure Violin Memory Value (\$) Market Share 2015-2020

Table Intel Company Profile

Table Intel Production, Value, Price, Gross Margin 2015-2020

Figure Intel Production and Growth Rate

Figure Intel Value (\$) Market Share 2015-2020

Table Western Digital Company Profile

Table Western Digital Production, Value, Price, Gross Margin 2015-2020

Figure Western Digital Production and Growth Rate
Figure Western Digital Value (\$) Market Share 2015-2020
Table Kingston Technology Company Profile
Table Kingston Technology Production, Value, Price, Gross Margin 2015-2020
Figure Kingston Technology Production and Growth Rate
Figure Kingston Technology Value (\$) Market Share 2015-2020
Table Memblaze Company Profile
Table Memblaze Production, Value, Price, Gross Margin 2015-2020
Figure Memblaze Production and Growth Rate
Figure Memblaze Value (\$) Market Share 2015-2020
Table Micron Company Profile
Table Micron Production, Value, Price, Gross Margin 2015-2020
Figure Micron Production and Growth Rate
Figure Micron Value (\$) Market Share 2015-2020
Table IBM Company Profile
Table IBM Production, Value, Price, Gross Margin 2015-2020
Figure IBM Production and Growth Rate
Figure IBM Value (\$) Market Share 2015-2020
Table ADATA Company Profile
Table ADATA Production, Value, Price, Gross Margin 2015-2020
Figure ADATA Production and Growth Rate
Figure ADATA Value (\$) Market Share 2015-2020
Table Seagate Company Profile
Table Seagate Production, Value, Price, Gross Margin 2015-2020
Figure Seagate Production and Growth Rate
Figure Seagate Value (\$) Market Share 2015-2020
Table Apacer Company Profile
Table Apacer Production, Value, Price, Gross Margin 2015-2020
Figure Apacer Production and Growth Rate
Figure Apacer Value (\$) Market Share 2015-2020
Table Samsung Company Profile
Table Samsung Production, Value, Price, Gross Margin 2015-2020
Figure Samsung Production and Growth Rate
Figure Samsung Value (\$) Market Share 2015-2020
Table Nimbus Data Systems Company Profile
Table Nimbus Data Systems Production, Value, Price, Gross Margin 2015-2020
Figure Nimbus Data Systems Production and Growth Rate
Figure Nimbus Data Systems Value (\$) Market Share 2015-2020
Figure North America Market Consumption and Growth Rate Forecast (2020-2025)

Figure Europe Market Consumption and Growth Rate Forecast (2020-2025)
Figure Asia-Pacific Market Consumption and Growth Rate Forecast (2020-2025)
Figure Middle East and Africa Market Consumption and Growth Rate Forecast (2020-2025)
Figure South America Market Consumption and Growth Rate Forecast (2020-2025)
Table Global PCIe SSD Market Forecast Production by Types (2020-2025)
Table Global PCIe SSD Market Forecast Production Share by Types (2020-2025)
Table Global PCIe SSD Market Forecast Value (\$) by Types (2020-2025)
Table Global PCIe SSD Market Forecast Value Share by Types (2020-2025)
Table Global PCIe SSD Market Forecast Consumption by Applications (2020-2025)
Table Global PCIe SSD Market Forecast Consumption Share by Applications (2020-2025)

I would like to order

Product name: 2020-2025 Global PCIe SSD Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

Product link: <https://marketpublishers.com/r/28A0F7538B10EN.html>

Price: US\$ 3,360.00 (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/28A0F7538B10EN.html>