

Global Trusted Platform Module Market Size study, by Type (Discrete TPMs, Integrated TPMs), by Application (Mobile Security, Automotive, Banking, Transport, Pay TV ID, Wearable, Security in IoT Connectivity, Others) and Regional Forecasts 2020-2027

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Abstracts

Global Trusted Platform Module Market is valued approximately at USD 1.86 billion in 2019 and is anticipated to grow with a growth rate of more than 14.27 % over the forecast period 2020-2027. Trusted Platform Module is a chip used in a device to ensure the credibility and reliability of the software platform by utilizing authentication and processes to ensure safety of the computing environment. Trusted Platform Module ensures platforms integrity and used for data encryption, disk encryption and data protection. Advanced technologies are used for protection of the keys and for encryption of data including computers storage devices and delivers authenticity to boot trusted pathway. Rising digitization and with the availability of numerous platforms it becomes necessary that privacy & security of the consumer should be maintained. For Instance: As per Our World Data in 2020, digitization and e-commerce penetration in India has been increased by 74%. With increasing (Internet of Things) IoT adaptation across the globe and rise in the number of devices inclusion of Trusted Platform Module chips are high on demand as they are cost effective, requires less space and ensure reliability. For instance: As per McKinsey in 2019, number of businesses that use IoT technologies has increased from 14 % in 2014 to 25 % in 2019. The Covid-19 Pandemic does not seem to affect trusted platform module market a lot as digitization has been increased with online penetration during the period. With enhancement in online penetration, the utility of trusted computing platforms has been increased with better convenience and portability. For Instance: As per Real wire in 2019, Trusted Computing Group (TCG) launched a new project to manufacture world's smallest trusted platform module to ensure portability. However, rising competition and

presence of key players in the market is the major restraining factors which impede the growth of the market over the forecast period of 2020-2027.

The regional analysis of global Trusted Platform Module market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the as privacy and security are the primary issues in the region to be taken care of. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such increased government measures to ensure that privacy & security of a user in being maintained and rise in digitization would create lucrative growth prospects for the Trusted Platform Module market across Asia-Pacific region. Trustworthy

Major market player included in this report are:

Advanced Micro Devices, Inc. (US)

Hewlett-Packard Company (US)

IBM Corporation (International Business Machines Corporation) (US)

Infineon Technologies AG (Germany)

Intel Corporation (US)

Lenovo Group Limited (China)

Microsoft Corporation (USA)

Nationz Foundation Inc. (China)

Nuvoton Technology Corporation (China)

Samsung Group(Korea)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Discrete TPMs

Integrated TPMs

By Application:

Mobile Security

Automotive
Banking, Transport, Pay TV ID
Wearable
Security in IoT Connectivity
Others
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global Trusted Platform Module Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises

Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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