

# **Global Head-mounted DisplayMarket Size study, by Type ( Slide-on HMD, Integrated HMD , Discrete HMD) by Technology (AR Technology, VR Technology) by Component (Processors and Memory, Displays, Lenses, Sensors, Controllers, Cameras, Cases and Connectors, Others) by Product type (Head-mounted, Eyewear) by Connectivity (Wired, Wireless) by Application (Consumer, Commercial, Enterprise & Industry, Engineering & Design, Healthcare, Aerospace & Defence, Education, Others)and Regional Forecasts 2021-2027**

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## **Abstracts**

Global Head-mounted DisplayMarket is valued approximately USD 3.77 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 46.0% over the forecast period 2021-2027. Head Mounted Display is a pair of spectacles with extra components mounted on the forehead, including such storage, panel, camera tracker, and earphones. There has been a considerable increase in expenditures in the development of HMDs, which is driving market expansion and the use of such devices in a variety of projects around the world. The HMD sector has seen massive investment, with investors eager to back businesses that have shown the value of their innovations and technologies in recent years. Intel Corporation, Qualcomm Inc., Alphabet Inc., and Samsung Group are all substantially invested in the HMD market. Several research facilities are also investigating the AR application field for a variety of products and services. Private companies and venture investors, as well as governments, sponsor research institutes. AR is being embraced by industries such as wearable devices,

aerospace and defence, healthcare, retailing, and advertisement provides several benefits. In 2017, Boeing launched HorizonX, a revolutionary system. To begin, it would invest in a few startups, notably Upskill, a leading corporate software provider for advanced manufacturing AR devices, and Zunum Aero. Head motion tracking is activated while gaming, making the game even more realistic. As a result, the head-mounted display aids in increasing customer satisfaction while also making the game more engaging to play. As a result, the number of VR game releases has increased over time. For example, Sony announced in 2021 that it will release a new lineup of PlayStation Games available, including a VR modification of Doom 3, I Expect You To Die 2: The Spy and The Liar, Fracked, After the Fall, Song in the Smoke, and Zenith: The Last City - The Fracture, all of which contributes to industry growth. However, the adoption of head mounted displays is predicted to be hampered by a lack of standards and some health adverse effects, such as headaches. Also, higher data transfer speeds, available voltage, and lower latency are all benefits of 5G technology, which boosts the AR/VR usability. As a result, 5G technology has a higher capacity for processing connections than 4G technology, which will create new business opportunities.

Throughout the forecast period, the market for head-mounted displays in the United States is expected to expand by double digits. Due to a rise in the gaming business and an increase in online and offline gamers in the United States, head-mounted display shipment in the United States climbed by 5%. Furthermore, the growing demand for richer content from the gaming industry and defence applications has fueled growth in the head-mounted display market in the United States. In addition, the growing need for head-mounted displays in the United States has been fueled by increased demand from aerospace and defence applications, the healthcare sector, manufacturing, and the packaging industry. The market for head mounted displays has grown in Asia Pacific as well. Due to population growth, countries such as China and India are seeing substantial growth. In India, the market is predicted to expand rapidly. Due to the surge in India's HMD advancements and the administration's push to create AR/VR technologies, it is expected to grow at a CAGR of 35.9% over the projection period.

Major market player included in this report are:

- Microsoft Corporation
- Google
- Samsung
- BAE Systems
- Elbit Systems
- Huawei Technologies
- HTC Corporation

Sony Corporation  
LG Electronics  
Xiaomi

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:

- Slide-on HMD
- Integrated HMD
- Discrete HMD

By Technology:

- AR Technology
- VR Technology

By Component:

- Processor and memory
- Displays
- Lenses
- Sensors
- Controllers
- Cameras
- Cases and connectors
- Others

By Product Type:

- Head-mounted
- Eyewear

By Connectivity:

- Wired
- Wireless

By Application:

- Consumer

Commercial  
Enterprises & Industry  
Engineering & Design  
Healthcare  
Aerospace & Defence  
Education  
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 – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Head-mounted DisplayMarket in Market Study:

*Global Head-mounted DisplayMarket Size study, by Type ( Slide-on HMD, Integrated HMD , Discrete HMD) by Techno...*

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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