

Wearable Brain Devices Market Size, Trends, Analysis, and Outlook By Channel Type (32-Channel Type, 12-Channel Type, 14-Channels, 5-Channel Type, Multichannels, Others), By Application (Medical Setting, AR/VR Gaming Settings, Others), By End-user (Hospitals & Clinics, Neurology Centers, Ambulatory Surgery Centers, Diagnostic Centers, Transportation and Construction, Research and Academics, Homecare Settings, Intensive Care Units, Assisted Living Facilities, Athletes and Military Personnel, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/W244A1B65C98EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: W244A1B65C98EN

Abstracts

The global Wearable Brain Devices market size is poised to register 9.39% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Wearable Brain Devices market across By Channel Type (32-Channel Type, 12-Channel Type, 14-Channels, 5-Channel Type, Multichannels, Others), By Application (Medical Setting, AR/VR Gaming Settings, Others), By End-user (Hospitals & Clinics, Neurology Centers, Ambulatory Surgery Centers, Diagnostic Centers, Transportation and Construction, Research and Academics, Homecare Settings, Intensive Care Units, Assisted Living Facilities, Athletes and Military Personnel, Others).

The Wearable Brain Devices Market is witnessing growth driven by increasing focus on

brain health and cognitive wellness, advancements in wearable neurotechnology, and rising applications of brain-computer interface (BCI) technology. Wearable brain devices encompass a range of neurosensing and neurostimulation devices worn on or around the head, allowing for non-invasive monitoring and modulation of brain activity. Key trends include the development of EEG headsets and neurofeedback systems for brainwave monitoring and cognitive training, the integration of transcranial magnetic stimulation (TMS) and transcranial direct current stimulation (tDCS) technologies for neuromodulation and rehabilitation purposes, and the expansion of wearable brain device applications to include mental health management and neurorehabilitation. Moreover, increasing consumer interest in brain health optimization, growing prevalence of neurological disorders, and research initiatives exploring brain-machine interface applications contribute to market expansion.

Wearable Brain Devices Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Wearable Brain Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Wearable Brain Devices survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Wearable Brain Devices industry.

Key market trends defining the global Wearable Brain Devices demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Wearable Brain Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Wearable Brain Devices industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from

expansion into these niche segments. The report presents the market size outlook across segments to support Wearable Brain Devices companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Wearable Brain Devices industry

Leading Wearable Brain Devices companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Wearable Brain Devices companies.

Wearable Brain Devices Market Study- Strategic Analysis Review

The Wearable Brain Devices market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Wearable Brain Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Wearable Brain Devices industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Wearable Brain Devices Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Wearable Brain Devices Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Wearable Brain Devices market segments. Similarly, Strong end-user demand is encouraging Canadian Wearable Brain Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Wearable Brain Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Wearable Brain Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Wearable Brain Devices industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Wearable Brain Devices market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Wearable Brain Devices Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing

investments in healthcare infrastructure drive the demand for Wearable Brain Devices in Asia Pacific. In particular, China, India, and South East Asian Wearable Brain Devices markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Wearable Brain Devices Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Wearable Brain Devices Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Wearable Brain Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Wearable Brain Devices.

Wearable Brain Devices Market Company Profiles

The global Wearable Brain Devices market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are BioSerenity, Bitbrain Technologies, Brain Products, Brain Scientific, BrainCo Inc, Cadwell Industries Inc, COGNIONICS Inc , Dreem, EMOTIV, Kernel, mBrainTrain, Neuroelectrics, Neurolief, NextMind

Recent Wearable Brain Devices Market Developments

The global Wearable Brain Devices market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Wearable Brain Devices Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Channel Type

32-Channel Type

12-Channel Type

14-Channels

5-Channel Type

Multichannels

Others

By Application

Medical Setting

-Epilepsy

-Sleep Disorders

-Parkinson's Disease

-Traumatic Brain Injury (TBI)

-Alzheimer's

-Other

AR/VR Gaming Settings

Others

By End-User

Hospitals & Clinics

Neurology Centers

Ambulatory Surgery Centers (ASCs)

Diagnostic Centers

Transportation and Construction

Research and Academics

Homecare Settings

Intensive Care Units

Assisted Living Facilities

Athletes and Military Personnel

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BioSerenity

Bitbrain Technologies

Brain Products

Brain Scientific

BrainCo Inc

Cadwell Industries Inc

COGNIONICS Inc

Dreem

EMOTIV

Kernel

mBrainTrain

Neuroelectrics

Neurolief

NextMind

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Wearable Brain Devices Market Overview and Key Findings, 2024
- 1.2 Wearable Brain Devices Market Size and Growth Outlook, 2021- 2030
- 1.3 Wearable Brain Devices Market Growth Opportunities to 2030
- 1.4 Key Wearable Brain Devices Market Trends and Challenges
 - 1.4.1 Wearable Brain Devices Market Drivers and Trends
 - 1.4.2 Wearable Brain Devices Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Wearable Brain Devices Companies

2. WEARABLE BRAIN DEVICES MARKET SIZE OUTLOOK TO 2030

- 2.1 Wearable Brain Devices Market Size Outlook, USD Million, 2021- 2030
- 2.2 Wearable Brain Devices Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. WEARABLE BRAIN DEVICES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. WEARABLE BRAIN DEVICES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
By Channel Type

32-CHANNEL TYPE

Wearable Brain Devices Market Size, Trends, Analysis, and Outlook By Channel Type (32-Channel Type, 12-Channel...

12-CHANNEL TYPE

14-CHANNELS

5-CHANNEL TYPE

Multichannels

Others

By Application

Medical Setting

-Epilepsy

-Sleep Disorders

-Parkinson's Disease

-Traumatic Brain Injury (TBI)

-Alzheimer's

-Other

AR/VR Gaming Settings

Others

By End-User

Hospitals & Clinics

Neurology Centers

Ambulatory Surgery Centers (ASCs)

Diagnostic Centers

Transportation and Construction

Research and Academics

Homecare Settings

Intensive Care Units

Assisted Living Facilities

Athletes and Military Personnel

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Wearable Brain Devices Market, 2025

5.2 Asia Pacific Wearable Brain Devices Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Wearable Brain Devices Market Size Outlook by Application, 2021-

2030

5.4 Key Findings for Europe Wearable Brain Devices Market, 2025

5.5 Europe Wearable Brain Devices Market Size Outlook by Type, 2021- 2030

5.6 Europe Wearable Brain Devices Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Wearable Brain Devices Market, 2025

5.8 North America Wearable Brain Devices Market Size Outlook by Type, 2021- 2030

5.9 North America Wearable Brain Devices Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Wearable Brain Devices Market, 2025

5.11 South America Pacific Wearable Brain Devices Market Size Outlook by Type, 2021- 2030

5.12 South America Wearable Brain Devices Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Wearable Brain Devices Market, 2025

5.14 Middle East Africa Wearable Brain Devices Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Wearable Brain Devices Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Wearable Brain Devices Market Size Outlook and Revenue Growth Forecasts

6.2 US Wearable Brain Devices Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Wearable Brain Devices Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Wearable Brain Devices Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Wearable Brain Devices Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Wearable Brain Devices Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Wearable Brain Devices Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Wearable Brain Devices Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Wearable Brain Devices Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Wearable Brain Devices Industry Drivers and Opportunities

- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Wearable Brain Devices Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Wearable Brain Devices Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Wearable Brain Devices Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Wearable Brain Devices Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Wearable Brain Devices Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Wearable Brain Devices Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Wearable Brain Devices Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Wearable Brain Devices Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Wearable Brain Devices Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Wearable Brain Devices Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Wearable Brain Devices Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Wearable Brain Devices Industry Drivers and Opportunities

7. WEARABLE BRAIN DEVICES MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. WEARABLE BRAIN DEVICES COMPANY PROFILES

- 8.1 Profiles of Leading Wearable Brain Devices Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- BioSerenity
Bitbrain Technologies
Brain Products

Brain Scientific
BrainCo Inc
Cadwell Industries Inc
COGNIONICS Inc
Dreem
EMOTIV
Kernel
mBrainTrain
Neuroelectrics
Neuroief
NextMind

9. APPENDIX

9.1 Scope of the Report
9.2 Research Methodology and Data Sources
9.3 Glossary of Terms
9.4 Market Definitions
9.5 Contact Information

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