

Non-Volatile Memory Market Report by Type (Electrically Addressed, Mechanically Addressed, and Others), Industry Vertical (Telecom and IT, Healthcare, Automotive, Consumer Electronics, Energy and Power, and Others), and Region 2024-2032

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Abstracts

The global non-volatile memory market size reached US\$ 71.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 170.8 Billion by 2032, exhibiting a growth rate (CAGR) of 10% during 2024-2032.

Non-volatile memory (NVM), also known as no-volatile storage, refers to a type of computer memory that can retain saved data even when the power is turned off. It does not require its data to be periodically refreshed and consequently finds extensive applications in retail, information technology (IT), telecommunications, automotive, and healthcare industries across the globe. Some of the commonly used NVM are read only memory (ROM), flash memory, hard disks, floppy disk drives, magnetic tapes, optical disc drives, and other computer storage methods, such as paper tapes and punch cards.

Non-Volatile Memory Market Trends:

There is a rise in the reliance on smartphones for communication and other purposes, which use advanced processors and NVM to enable fast data transfer. This, in confluence with the burgeoning electronics industry, represents one of the key factors impelling the growth of the market. Moreover, NVM is utilized in long-term or secondary data storage, such as memory chips for digital cameras and universal serial bus (USB) memory sticks. Besides this, there is an increase in the adoption of flash memory in laptops, global positioning systems (GPS), gaming devices, and electronic musical instruments on account of its lower price and power consumption. This, coupled with the

rising usage of NVM in wearable devices, is positively influencing the market. Apart from this, the introduction of advanced storage technologies, such as 3D XPoint, magnetoresistive random-access memory (MRAM), and nano random-access memory (NRAM), is offering lucrative growth opportunities to market players. Furthermore, extensive research and development (R&D) activities undertaken by leading market players and rapid expansion of data centers around the world are anticipated to facilitate the growth of the industry.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global non-volatile memory market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type and industry vertical.

Breakup by Type:

- Electrically Addressed
- Mechanically Addressed
- Others

Breakup by Industry Vertical:

- Telecom and IT
- Healthcare
- Automotive
- Consumer Electronics
- Energy and Power
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea

Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Avalanche Technology, CrossBar Inc., Dialog Semiconductor PLC (Renesas Electronics Corporation), Fujitsu Limited, Honeywell International Inc., Infineon Technologies AG, Intel Corporation, Microchip Technology Inc., Micron Technology Inc., Samsung Electronics Co. Ltd., STMicroelectronics, Texas Instruments Incorporated, Toshiba Corporation, and Western Digital Corporation.

Key Questions Answered in This Report

1. How big is the global non-volatile memory market?
2. What is the expected growth rate of the global non-volatile memory market during 2024-2032?
3. What are the key factors driving the global non-volatile memory market?
4. What has been the impact of COVID-19 on the global non-volatile memory market?
5. What is the breakup of the global non-volatile memory market based on the type?
6. What is the breakup of the global non-volatile memory market based on the industry vertical?
7. What are the key regions in the global non-volatile memory market?
8. Who are the key players/companies in the global non-volatile memory market?

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