

# Gallium Nitride Semiconductor Devices Market Size, Share And Growth Analysis For 2024-2033

*The Business Research Company has updated its global market reports with latest data for 2024 and projections up to 2033*

LONDON, GREATER LONDON , UK, May 14, 2024 /EINPresswire.com/ -- The global market reports from [The Business Research Company](#) have been updated with the most recent market sizing data for 2024 and projections extended to 2033



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Research Company

Gallium Nitride Semiconductor Devices Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

The Business Research Company's "Gallium Nitride Semiconductor Devices Global Market Report 2024 is a comprehensive source of information that covers every facet of the market. As per



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TBRC's market forecast, the gallium nitride semiconductor devices market size is predicted to reach \$19.81 billion in 2028 at a compound annual growth rate (CAGR) of 17.2%.

The growth in the gallium nitride semiconductor devices market is due to Increasing demand for consumer electronics. North America region is expected to hold the largest [gallium nitride semiconductor devices market share](#). Major players in the gallium nitride semiconductor devices market include Texas Instruments Incorporated,

Toshiba Corporation, Infineon Technologies AG, Fujitsu Limited, NXP Semiconductors N.V. ams-OSRAM AG.

## [Gallium Nitride Semiconductor Devices Market Segments](#)

- By Component: Transistor, Diode, Rectifier, Power IC
- By Device Type: Opto-Semiconductors, Power Semiconductors, RF Semiconductors
- By Application: Automotive, Consumer Electronics, Defense And Aerospace, Healthcare,

Industrial And Power, Information And Communication Technology, Other Applications

- By Wafer Size: 2 Inch, 4 Inch, 6 Inch, 8 Inch
- By Geography: The global gallium nitride semiconductor devices market is segmented into North America, South America, Asia-Pacific, Eastern Europe, Western Europe, Middle East and Africa.

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Gallium nitride semiconductor devices refer to the manufacturing of semiconductor devices such as transistors and diodes for the conversion of energy to power using gallium nitride material. Gallium nitride semiconductor devices have dynamic electric and chemical properties that are used to develop electronic power devices that are very hard, mechanically stable, high voltage, and have a high frequency. Gallium nitride semiconductors are on the rise as a replacement for silicon-based semiconductors because they can meet growing demands for improved power system efficiency, performance, and system cost.

Read More On The Gallium Nitride Semiconductor Devices Global Market Report At:

<https://www.thebusinessresearchcompany.com/report/gallium-nitride-semiconductor-devices-global-market-report>

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