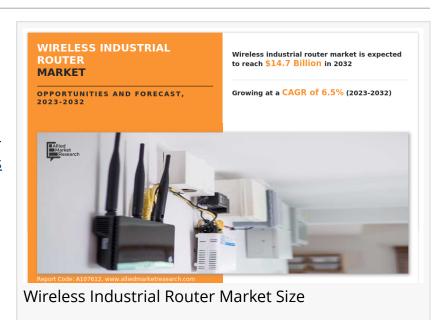


Wireless Industrial Router Market to Reach New Heights by 2032

Wireless Industrial Router Market Expected to Reach \$14.7 Billion by 2032—Allied Market Research

WILMINGTON, DE, UNITED STATES, October 14, 2024 /EINPresswire.com/ -- Allied Market Research, titled, "Wireless Industrial Router Market," The wireless industrial router market was valued at \$7.9 billion in 2022, and is estimated to reach \$14.7 billion by 2032, growing at a CAGR of 6.5% from 2023 to 2032.

https://www.alliedmarketresearch.com/request-sample/A107612



Wireless industrial routers are robust networking devices that offer wireless connectivity, multiple interfaces, security features, and network management capabilities to support reliable

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The surge in IIoT adoption, demand for secure connectivity, and growing robotics use in emerging markets drive Wireless Industrial Router Market trends."

Allied Market Research

and secure communication within industrial environments. Wireless industrial routers are networking devices designed for industrial environments to provide wireless connectivity and network management capabilities. They enable seamless communication between devices, machines, sensors, and control systems within an industrial network. Applications of wireless industrial routers are mentioned below.

and enabling communication between various automation devices, such as PLCs (Programmable Logic Controllers), HMI (Human Machine Interfaces), sensors, and actuators. They facilitate the exchange of real-time data, control signals, and commands, enabling efficient and synchronized operation of automated systems.

Wireless industrial routers are widely used in power distribution systems, industrial facilities, commercial buildings, renewable energy installations, infrastructure projects, research facilities, and various other applications. Industrial wifi routers offer efficient and reliable interruption of current, ensuring the safety, protection, and reliable operation of electrical systems in a wide range of industries and settings.

The <u>wireless industrial router market growth</u> is segmented based on type, frequency band, and region. Based on type, the market is bifurcated into modular routers and non-modular routers. In 2022, the modular routers segment dominated the market, in terms of revenue, and it is expected to acquire a major market share by 2032. Based on frequency band, the wireless industrial router market analysis is segregated into a single band, dual-band, and tri-band. The dual-band segment acquired the largest share in 2022 and the band is expected to grow at a significant CAGR from 2023 to 2032.

Region-wise, the wireless industrial router market trends are analyzed across North America (the U.S., Canada, and Mexico), Europe (UK, Germany, France, Italy, Spain, and the rest of Europe), Asia-Pacific (China, Japan, India, Australia, South Korea, and rest of Asia-Pacific), and LAMEA

(Latin America, Middle East, and Africa).

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- The modular routers segment was the highest revenue contributor to the wireless industrial router industry.
- The dual-band segment was the highest revenue contributor to the <u>wireless industrial router</u> <u>market size</u>.
- The tri-band and dual-band segments are expected to witness considerable CAGRs of 8.36% and 6.25%, respectively, during the forecast period.
- North America was the highest revenue contributor, in 2022 for wireless industrial router market share.

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