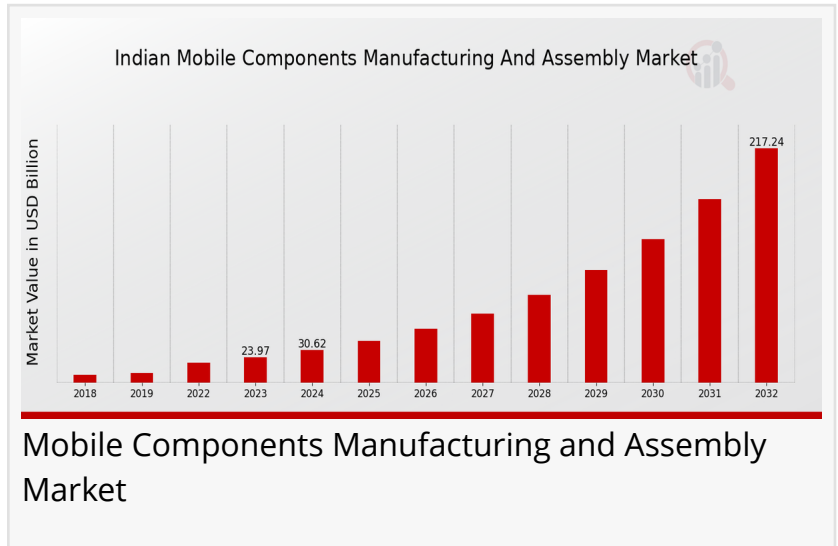


Mobile Components Manufacturing and Assembly Market Predicted to Grow at a CAGR of 27.75% by 2032

Mobile Components Manufacturing and Assembly Market Research Report By Component Type, Application, Business Model, Level of Integration, Regional

KS, UNITED STATES, January 10, 2025 /EINPresswire.com/ -- The [Indian Mobile Components Manufacturing and Assembly Market](#) has experienced significant growth in recent years, positioning India as a key player in the global mobile component supply chain.

In 2022, the market was valued at approximately USD 18.76 billion and is projected to expand rapidly. By 2032, the market is expected to reach USD 217.21 billion, representing a substantial compound annual growth rate (CAGR) of 27.75% from 2024 to 2032.



Growing Demand for Smartphones and Mobile Devices”

Market Research Future

This remarkable growth can be attributed to several factors, including the expansion of the Indian mobile manufacturing industry, government initiatives, and increasing consumer demand for mobile devices. The market encompasses the production and assembly of critical components for mobile devices such as display panels, batteries, semiconductors, camera modules, and

other essential parts.

□□□□□□□□ □□□□□□ □□□□□ https://www.marketresearchfuture.com/sample_request/24663

Key Companies in the Indian Mobile Components Manufacturing and Assembly Market Include:

- Celkon Mobiles
- Flex

- Foxconn Technology Group
- Lava International
- Lavanya International
- Micromax Informatics
- Samsung Electronics
- Spice Mobility
- Pegatron Corporation
- Optiemus Electronics
- Karbonn Mobiles
- Intex Technologies
- BYD Company
- Wistron Corporation
- Dixon Technologies

□□□□□□ □□□□□□□□

Government Initiatives and 'Make in India' Campaign

The Indian government has implemented several policies aimed at boosting local manufacturing in the mobile components sector. The "Make in India" initiative, along with production-linked incentive (PLI) schemes, has attracted both domestic and foreign investment, encouraging mobile component manufacturers to set up and expand operations in India. These policies are instrumental in transforming India into a global manufacturing hub for mobile components.

□□□□□□ □□-□□□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□□□□:

<https://www.marketresearchfuture.com/reports/indian-mobile-components-manufacturing-assembly-market-24663>

Rising Mobile Phone Penetration and Demand

India is one of the largest and fastest-growing mobile markets in the world, with a rapidly increasing number of mobile subscribers. As the demand for smartphones and feature phones grows, the need for mobile components such as batteries, display panels, and processors also rises. This heightened demand supports the expansion of the mobile component manufacturing and assembly market.

Growth of 5G Technology

The rollout of 5G networks in India has provided a substantial boost to the mobile industry. 5G technology requires advanced mobile components, such as high-speed processors and network-specific components, which are expected to drive the growth of the mobile components manufacturing market. The demand for 5G-enabled devices is further fueling the need for sophisticated components, leading to an expansion of the market.

Shift in Global Supply Chains

Geopolitical tensions and disruptions caused by the COVID-19 pandemic have led to shifts in global supply chains. India, with its large consumer base and improving manufacturing infrastructure, is increasingly seen as an alternative to China in the global mobile component supply chain. This shift has resulted in a boost to domestic mobile component manufacturing in India.

Expansion of E-Commerce and Digital Ecosystem

The rapid growth of e-commerce platforms and the digital ecosystem in India has played a crucial role in the widespread adoption of mobile devices. As digital services become an integral part of daily life, the need for affordable, high-quality mobile components continues to grow, driving further market expansion.

□□□□□□ □□□□□□□□ □□□ □□□□□□

Mobile Display Components

Display panels are a critical component in mobile devices. With the rise of high-definition, OLED, and AMOLED screens, the demand for mobile display components is expected to remain strong. India is seeing an increase in local manufacturing of these components to meet domestic demand and export requirements.

Battery Manufacturing and Assembly

Mobile batteries, particularly lithium-ion batteries, represent a significant portion of mobile component production. As the shift towards electric vehicles (EVs) and renewable energy solutions intensifies, India is also focusing on developing its battery manufacturing capabilities. This growth is likely to extend to mobile battery production, benefiting from India's large pool of engineering talent and increasing focus on energy storage solutions.

Semiconductor Manufacturing

Semiconductors are at the heart of modern mobile devices, powering processors, memory, and other critical functions. India's semiconductor industry is growing rapidly, driven by government incentives and the increasing demand for mobile devices. Investments in semiconductor manufacturing plants are expected to support the country's mobile component assembly market in the coming years.

Camera Modules

Camera technology has become a crucial differentiator in the mobile phone market. The demand for high-quality camera modules, including advanced features like multiple lenses, artificial intelligence integration, and image stabilization, is increasing. India is positioning itself as a hub for assembling and manufacturing these components to meet domestic and international demands.

Printed Circuit Boards (PCBs) and Integrated Circuits (ICs)

PCBs and ICs are integral parts of mobile devices, supporting various functions such as connectivity, power management, and data processing. With increasing consumer demand for high-performance mobile phones, India's PCB and IC manufacturing sector is expected to expand significantly to meet the growing requirements of mobile phone manufacturers.

Other Mobile Components

Other critical components, such as connectors, antennas, speakers, and microphones, are also expected to see growth. As mobile phones become increasingly feature-rich, the need for more diverse components will continue to drive the market.

□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□ □□□:

https://www.marketresearchfuture.com/checkout?currency=one_user-USD&report_id=24663

Regional Insights

Southern India: Southern states like Tamil Nadu, Telangana, and Karnataka are emerging as key hubs for mobile component manufacturing due to their favorable infrastructure, access to skilled labor, and proximity to major mobile manufacturing plants. These states are expected to see continued growth in the mobile components sector.

Northern India: The northern region, particularly Uttar Pradesh and Delhi NCR, is witnessing a rise in assembly and manufacturing facilities for mobile components. The increasing industrialization and investments in the region will contribute significantly to market growth.

Western India: Maharashtra and Gujarat are important contributors to India's manufacturing landscape, with their developed industrial infrastructure and favorable business policies. The western region is likely to benefit from further growth in mobile component manufacturing.

□□□□□ □□□□□ □□□□□□□□□□

Supply Chain Dependency: Despite the growth in local manufacturing, India still relies on imports for certain high-end mobile components, particularly semiconductors and advanced display panels. Efforts to strengthen the domestic supply chain are ongoing but remain a challenge for the industry.

Skilled Labor Shortage: Although India has a large workforce, there is a need for specialized skills in areas such as semiconductor manufacturing, precision engineering, and quality control. Addressing the skill gap will be crucial for sustaining growth in the mobile components sector.

Environmental and Regulatory Challenges: Mobile component manufacturing can lead to environmental challenges, such as electronic waste and pollution. Stricter regulations regarding waste management and eco-friendly manufacturing practices will need to be implemented to ensure sustainable growth.

□□□□□□ □□□□□□□□

The Indian Mobile Components Manufacturing and Assembly Market is poised for exponential growth, driven by robust demand for mobile devices, government initiatives, and increasing technological advancements. By 2032, the market is expected to reach USD 217.21 billion, with a CAGR of 27.75% from 2024 to 2032. Key segments like mobile displays, batteries, semiconductors, and camera modules will continue to drive the market, while regional hubs in southern and western India will play a significant role in the expansion.

With the rise of 5G, e-commerce, and the growing mobile manufacturing ecosystem, India is well-positioned to become a global leader in mobile component production and assembly in the coming decade.

□□□□□□□□ □□□□□□□□:

Smart Home M2M Market <https://www.marketresearchfuture.com/reports/smart-home-m2m-market-24133>

Datacenter Chip Market <https://www.marketresearchfuture.com/reports/datacenter-chip-market-24291>

Solid State Laser Market <https://www.marketresearchfuture.com/reports/solid-state-laser-market-24422>

Light Detection And Ranging Lidar Market <https://www.marketresearchfuture.com/reports/light-detection-and-ranging-lidar-market-24258>

Artificial Intelligence Sensor Market <https://www.marketresearchfuture.com/reports/artificial-intelligence-sensor-market-24574>

□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□□

At Market Research Future (MRFR), we enable our customers to unravel the complexity of various industries through our Cooked Research Report (CRR), Half-Cooked Research Reports

(HCRR), Raw Research Reports (3R), Continuous-Feed Research (CFR), and Market Research Consulting Services. The MRFR team have a supreme objective to provide the optimum quality market research and intelligence services for our clients. Our market research studies by Components, Application, Logistics and market players for global, regional, and country level market segments enable our clients to see more, know more, and do more, which help to answer all their most important questions.

Market Research Future

Market Research Future

+1 855-661-4441

[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/775779106>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.