

# **Modular Smartphone Leasing Market Forecasts to 2032 – Global Analysis By Type (Camera Modules, Display & Screen Modules, Battery Modules, Processor & Memory Modules, Sensor & Connectivity Modules and Audio Modules), Leasing Model, Operating System, Pricing, Application, and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Modular Smartphone Leasing Market is accounted for \$2.5 billion in 2025 and is expected to reach \$6.1 billion by 2032 growing at a CAGR of 13% during the forecast period. Modular Smartphone Leasing is a service model where consumers lease customizable smartphones with interchangeable modules for features such as cameras, batteries, or storage, instead of purchasing devices outright. This approach reduces upfront costs and extends device usability by allowing easy upgrades. Leasing services typically include maintenance, replacements, and recycling options. Modular smartphone leasing aligns with circular economy principles by promoting sustainability, flexibility, and accessibility in mobile technology ownership and lifecycle management.

According to the Global E-waste Monitor, growing consumer electronics waste and a shift towards circular economy models are encouraging telecom operators to pilot leasing programs for easily repairable, upgradeable devices.

Market Dynamics:

Driver:

### Rising consumer demand for flexibility

Rising consumer demand for flexibility is a key driver in the modular smartphone leasing market, as users increasingly prefer devices that can be customized and upgraded without purchasing entirely new models. Spurred by the growing trend of cost efficiency and sustainability, leasing allows consumers to adapt their smartphones according to evolving technology needs. Furthermore, businesses find leasing attractive for managing large device fleets. This demand is strengthening the adoption of modular leasing models across both developed and emerging markets.

### Restraint:

#### Concerns over device lifespan reliability

Concerns over device lifespan reliability act as a significant restraint in the modular smartphone leasing market. Potential users remain cautious about the durability of modular components, fearing performance decline or compatibility issues over time. Technical challenges related to wear and tear on detachable parts may limit consumer trust. Additionally, businesses investing in leased modular devices weigh replacement and repair costs against benefits. This skepticism about long-term reliability slows adoption, particularly in markets where consumers value stability and proven product endurance.

### Opportunity:

#### Integration with 5G-enabled devices

Integration with 5G-enabled devices offers a strong growth opportunity for the modular smartphone leasing market. The rollout of high-speed networks is prompting consumers and enterprises to seek smartphones capable of harnessing 5G's potential. Leasing models allow affordable access to these premium devices while offering flexibility for future upgrades. Moreover, 5G-enabled modular phones are appealing in data-intensive applications like AR, VR, and IoT. This convergence of next-generation connectivity with modularity is expected to accelerate leasing adoption across multiple consumer segments.

### Threat:

#### Competition from refurbished phone sales

Competition from refurbished phone sales poses a substantial threat to the modular smartphone leasing market. Refurbished devices offer cost-conscious consumers a low-priced alternative without long-term commitments. Spurred by increasing availability through online platforms and certified resellers, refurbished phones challenge the value proposition of leasing. Additionally, sustainability-focused consumers may opt for refurbished models to extend product lifecycles instead of leasing. This trend exerts downward pressure on leasing adoption, forcing providers to differentiate their offerings through value-added services and flexible upgrade options.

#### Covid-19 Impact:

The Covid-19 pandemic had a mixed impact on the modular smartphone leasing market. Supply chain disruptions initially slowed production and availability of modular devices, delaying leasing adoption. However, the crisis accelerated digital transformation, remote work, and e-learning, which boosted smartphone demand globally. Consumers sought affordable alternatives amid economic uncertainty, making leasing models more attractive. Moreover, rising environmental awareness during the pandemic further encouraged interest in sustainable solutions like leasing. As economies recover, this trend continues to positively shape market prospects.

The camera modules segment is expected to be the largest during the forecast period

The camera modules segment is expected to account for the largest market share during the forecast period, owing to strong consumer preference for advanced imaging capabilities. Fueled by growing demand for high-resolution lenses and multi-sensor systems, modular leasing providers emphasize flexible upgrade plans. The rising importance of smartphone cameras in social media engagement, online shopping, and content creation further strengthens adoption. Additionally, enterprises deploying modular smartphones for fieldwork leverage camera modules for documentation and data collection, ensuring steady segmental dominance.

The long-term leasing segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the long-term leasing segment is predicted to witness the highest growth rate, impelled by enterprises and individuals seeking cost efficiency over outright purchases. Spurred by predictable monthly expenses and bundled service contracts, this model offers affordability and reduced upgrade risks. Moreover,

sustainability-conscious customers prefer leasing to minimize e-waste through systematic device return and refurbishment programs. Strong adoption among corporates for workforce mobility solutions further elevates growth, making long-term leasing the most dynamic segment in the forecast horizon.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share, driven by expanding smartphone penetration and cost-sensitive consumer bases. Rising demand in India, China, and Southeast Asia supports modular leasing models tailored to affordability. Telecom operators and leasing firms in the region are actively rolling out bundled plans to capture younger demographics. Furthermore, government emphasis on digital inclusion and increasing urban connectivity foster accelerated adoption of modular smartphone leasing across diverse consumer groups.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, attributed to rapid technological innovation and robust consumer willingness to adopt new models. The presence of major telecom operators and leasing service providers enhances distribution networks. Additionally, corporate demand for device leasing in IT and field-service sectors boosts market expansion. Fueled by sustainability initiatives and premium device upgrades, modular smartphone leasing is gaining momentum, making North America the fastest-growing region in the forecast timeline.

Key players in the market

Some of the key players in Modular Smartphone Leasing Market include Fairphone, Motorola Mobility (Lenovo), LG Electronics, Google / Alphabet, Everphone, Brightstar, Ingram Micro, Verizon, AT&T, T-Mobile, Vodafone, Telefonica, Orange Business Services, Asurion, and Accenture.

Key Developments:

In August 2025, Fairphone expanded its modular smartphone leasing program focusing on sustainability and easy device repairability, offering businesses a greener alternative in smartphone leasing.

In July 2025, Motorola Mobility (Lenovo) introduced flexible lease options for its modular

smartphone lineup integrating latest camera and battery modules to suit evolving consumer needs.

In June 2025, LG Electronics launched a B2B leasing service featuring modular smartphones with replaceable parts designed to extend device lifespan and reduce electronic waste.

In May 2025, Google / Alphabet partnered with leading telecom operators to provide modular smartphone leasing options bundled with seamless software upgrades and device replacements.

#### Types Covered:

Camera Modules

Display & Screen Modules

Battery Modules

Processor & Memory Modules

Sensor & Connectivity Modules

Audio Modules

#### Leasing Models Covered:

Short-Term Leasing

Mid-Term Leasing

Long-Term Leasing

#### Operating Systems Covered:

Android-Based Modular Smartphones

iOS-Based Modular Smartphones

Other Operating Systems

**Pricings Covered:**

Fixed Monthly Leasing Plans

Usage-Based Flexible Leasing Plans

Bundled Leasing with Service/Insurance

**Applications Covered:**

Personal Use

Corporate Mobility Solutions

Educational & Training Programs

Government & Institutional Projects

**Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

### **Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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