

Asia Pacific LTE Market Report and Forecast 2024-2032

Market Report | 2024-06-20 | 214 pages | EMR Inc.

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Report description:

Asia Pacific LTE Market Report and Forecast 2024-2032

Market outlook

According to the report by Expert Market Research (EMR), the Asia Pacific LTE market size is reached a value of USD 77.63 billion in 2023. Aided by the rising demand for high-speed internet connectivity and the growing penetration of smartphones, the market is projected to further grow at a CAGR of 16.3% between 2024 and 2032 to reach a value of USD 299.98 billion by 2032.

Long-term evolution (LTE) is a standard for wireless broadband communication, delivering high-speed data for mobile phones and data terminals. It is an evolution of the GSM/UMTS standards, ensuring faster internet speeds and improved network efficiency. LTE has revolutionised mobile communications, providing users with seamless browsing, streaming, and downloading experiences. The technology's ability to support high data transfer rates, low latency, and enhanced capacity has made it indispensable in the modern digital landscape.

The burgeoning demand for high-speed internet services is a key driver of the Asia Pacific LTE market growth. With the proliferation of smartphones, tablets, and other mobile devices, consumers are increasingly seeking faster and more reliable internet connections. This shift is further fuelled by the rise in data-intensive applications such as video streaming, online gaming, and social media, which require robust network infrastructure to ensure optimal performance.

Additionally, the expanding e-commerce sector in the Asia Pacific region has significantly contributed to the demand for these services. As more consumers turn to online shopping, the need for reliable and fast internet connectivity has become paramount, driving the adoption of this technology. Furthermore, the increasing trend of remote work and online education, accelerated by the COVID-19 pandemic, has underscored the importance of high-speed internet, thereby boosting the market growth.

The deployment of long-term evolution networks across various countries in the Asia Pacific region is also a significant factor propelling market expansion. Governments and telecom operators are investing heavily in upgrading their network infrastructure to support the growing demand for high-speed internet services. Countries such as China, India, Japan, and South Korea are at the forefront of long-term evolution deployment, with extensive network coverage and advanced infrastructure. These investments are expected to continue, further driving the market growth over the forecast period, consequently driving up the Asia Pacific LTE market share.

Moreover, the advent of 5G technology presents both opportunities and challenges for the long-term evolution market. While 5G

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promises even faster speeds and lower latency, long-term evolution will remain a crucial component of the mobile network ecosystem, serving as a fallback option and complementing 5G networks. The gradual transition to 5G will ensure sustained demand for long-term evolution technology, particularly in areas where 5G deployment is in its nascent stages.

As per the Asia Pacific LTE market analysis, India is another significant market, characterised by rapid growth and increasing smartphone adoption. The government's initiatives to promote digital inclusion and the competitive landscape of the telecom sector have spurred the expansion of long-term evolution networks. Telecom operators are continuously investing in network upgrades to cater to the growing demand for high-speed internet services.

Japan and South Korea are also prominent markets, with advanced long-term evolution infrastructure and high consumer demand for fast and reliable internet services. These countries have been early adopters of this technology, and their well-established network ecosystems provide a robust foundation for further market growth.

Market Segmentation □

The market can be divided based on component, deployment model, technology, application, end use, and region

Market Breakup by Component

- Infrastructure

- Service

Market Breakup by Deployment Model

- Centralised

- Distributed

Market Breakup by Technology

- FDD

- TDD

Market Breakup by Application

- M2M and Connected Device

- Public Safety LTE

- VoLTE (Voice Over LTE)

- Surveillance, Browsing and Large Enterprise

- Video On Demand

- Defence and Security

- Others

Market Breakup by End Use

- Healthcare

- Manufacturing

- Government and Defence

- Energy and Utilities

- Oil and Gas

- Education

- Others

Market Breakup by Region

- China

- Japan

- India

- ASEAN

- Australia

- Others

Competitive landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in Asia Pacific long-term evolution market. some of the major

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players explored in the report by expert market research are as follows:

- Huawei Technologies Co., Ltd.
- AT&T Inc.
- Cisco Systems, Inc.
- China Mobile Limited
- Nokia Corporation
- Telefonaktiebolaget LM Ericsson
- Vodafone Group Plc
- Bharti Airtel Limited
- SK Telecom Co., Ltd
- Comba Telecom Systems Holdings Limited
- Others

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*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Market Snapshot
- 7 Global LTE Market Overview
 - 7.1 Key Industry Highlights
 - 7.2 Global LTE Historical Market (2018-2023)
 - 7.3 Global LTE Market Forecast (2024-2032)
 - 7.4 Global LTE Market Share by Region
 - 7.4.1 North America
 - 7.4.2 Europe

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- 7.4.3 Asia Pacific
 - 7.4.4 Latin America
 - 7.4.5 Middle East and Africa
- 8 Asia Pacific LTE Market Overview
 - 8.1 Key Industry Highlights
 - 8.2 Asia Pacific LTE Historical Market (2018-2023)
 - 8.3 Asia Pacific LTE Market Forecast (2024-2032)
- 9 Asia Pacific LTE Market by Component
 - 9.1 Infrastructure
 - 9.1.1 Historical Trend (2018-2023)
 - 9.1.2 Forecast Trend (2024-2032)
 - 9.2 Service
 - 9.2.1 Historical Trend (2018-2023)
 - 9.2.2 Forecast Trend (2024-2032)
- 10 Asia Pacific LTE Market by Deployment Model
 - 10.1 Centralised
 - 10.1.1 Historical Trend (2018-2023)
 - 10.1.2 Forecast Trend (2024-2032)
 - 10.2 Distributed
 - 10.2.1 Historical Trend (2018-2023)
 - 10.2.2 Forecast Trend (2024-2032)
- 11 Asia Pacific LTE Market by Technology
 - 11.1 FDD
 - 11.1.1 Historical Trend (2018-2023)
 - 11.1.2 Forecast Trend (2024-2032)
 - 11.2 TDD
 - 11.2.1 Historical Trend (2018-2023)
 - 11.2.2 Forecast Trend (2024-2032)
- 12 Asia Pacific LTE Market by Application
 - 12.1 M2M and Connected Device
 - 12.1.1 Historical Trend (2018-2023)
 - 12.1.2 Forecast Trend (2024-2032)
 - 12.2 Public Safety LTE
 - 12.2.1 Historical Trend (2018-2023)
 - 12.2.2 Forecast Trend (2024-2032)
 - 12.3 VoLTE (Voice Over LTE)
 - 12.3.1 Historical Trend (2018-2023)
 - 12.3.2 Forecast Trend (2024-2032)
 - 12.4 Surveillance, Browsing and Large Enterprise
 - 12.4.1 Historical Trend (2018-2023)
 - 12.4.2 Forecast Trend (2024-2032)
 - 12.5 Video On Demand
 - 12.5.1 Historical Trend (2018-2023)
 - 12.5.2 Forecast Trend (2024-2032)
 - 12.6 Defence and Security
 - 12.6.1 Historical Trend (2018-2023)
 - 12.6.2 Forecast Trend (2024-2032)

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- 12.7 Others
- 13 Asia Pacific LTE Market by End Use
 - 13.1 Healthcare
 - 13.1.1 Historical Trend (2018-2023)
 - 13.1.2 Forecast Trend (2024-2032)
 - 13.2 Manufacturing
 - 13.2.1 Historical Trend (2018-2023)
 - 13.2.2 Forecast Trend (2024-2032)
 - 13.3 Government and Defence
 - 13.3.1 Historical Trend (2018-2023)
 - 13.3.2 Forecast Trend (2024-2032)
 - 13.4 Energy and Utilities
 - 13.4.1 Historical Trend (2018-2023)
 - 13.4.2 Forecast Trend (2024-2032)
 - 13.5 Oil and Gas
 - 13.5.1 Historical Trend (2018-2023)
 - 13.5.2 Forecast Trend (2024-2032)
 - 13.6 Education
 - 13.6.1 Historical Trend (2018-2023)
 - 13.6.2 Forecast Trend (2024-2032)
 - 13.7 Others
- 14 Asia Pacific LTE Market by Country
 - 14.1 China
 - 14.1.1 Historical Trend (2018-2023)
 - 14.1.2 Forecast Trend (2024-2032)
 - 14.2 Japan
 - 14.2.1 Historical Trend (2018-2023)
 - 14.2.2 Forecast Trend (2024-2032)
 - 14.3 India
 - 14.3.1 Historical Trend (2018-2023)
 - 14.3.2 Forecast Trend (2024-2032)
 - 14.4 ASEAN
 - 14.4.1 Historical Trend (2018-2023)
 - 14.4.2 Forecast Trend (2024-2032)
 - 14.5 Australia
 - 14.5.1 Historical Trend (2018-2023)
 - 14.5.2 Forecast Trend (2024-2032)
 - 14.6 Others
- 15 Market Dynamics
 - 15.1 SWOT Analysis
 - 15.1.1 Strengths
 - 15.1.2 Weaknesses
 - 15.1.3 Opportunities
 - 15.1.4 Threats
 - 15.2 Porter's Five Forces Analysis
 - 15.2.1 Supplier's Power
 - 15.2.2 Buyer's Power

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- 15.2.3 Threat of New Entrants
- 15.2.4 Degree of Rivalry
- 15.2.5 Threat of Substitutes
- 15.3 Key Indicators for Demand
- 15.4 Key Indicators for Price
- 16 Competitive Landscape
 - 16.1 Market Structure
 - 16.2 Company Profiles
 - 16.2.1 Huawei Technologies Co., Ltd.
 - 16.2.1.1 Company Overview
 - 16.2.1.2 Product Portfolio
 - 16.2.1.3 Demographic Reach and Achievements
 - 16.2.1.4 Certifications
 - 16.2.2 AT&T Inc.
 - 16.2.2.1 Company Overview
 - 16.2.2.2 Product Portfolio
 - 16.2.2.3 Demographic Reach and Achievements
 - 16.2.2.4 Certifications
 - 16.2.3 Cisco Systems, Inc.
 - 16.2.3.1 Company Overview
 - 16.2.3.2 Product Portfolio
 - 16.2.3.3 Demographic Reach and Achievements
 - 16.2.3.4 Certifications
 - 16.2.4 China Mobile Limited
 - 16.2.4.1 Company Overview
 - 16.2.4.2 Product Portfolio
 - 16.2.4.3 Demographic Reach and Achievements
 - 16.2.4.4 Certifications
 - 16.2.5 Nokia Corporation
 - 16.2.5.1 Company Overview
 - 16.2.5.2 Product Portfolio
 - 16.2.5.3 Demographic Reach and Achievements
 - 16.2.5.4 Certifications
 - 16.2.6 Telefonaktiebolaget LM Ericsson
 - 16.2.6.1 Company Overview
 - 16.2.6.2 Product Portfolio
 - 16.2.6.3 Demographic Reach and Achievements
 - 16.2.6.4 Certifications
 - 16.2.7 Vodafone Group Plc
 - 16.2.7.1 Company Overview
 - 16.2.7.2 Product Portfolio
 - 16.2.7.3 Demographic Reach and Achievements
 - 16.2.7.4 Certifications
 - 16.2.8 Bharti Airtel Limited
 - 16.2.8.1 Company Overview
 - 16.2.8.2 Product Portfolio
 - 16.2.8.3 Demographic Reach and Achievements

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- 16.2.8.4 Certifications
- 16.2.9 SK Telecom Co., Ltd.
 - 16.2.9.1 Company Overview
 - 16.2.9.2 Product Portfolio
 - 16.2.9.3 Demographic Reach and Achievements
 - 16.2.9.4 Certifications
- 16.2.10 Comba Telecom Systems Holdings Limited
 - 16.2.10.1 Company Overview
 - 16.2.10.2 Product Portfolio
 - 16.2.10.3 Demographic Reach and Achievements
 - 16.2.10.4 Certifications
- 16.2.11 Others
- 17 Key Trends and Developments in the Market

List of Key Figures and Tables

1. Asia Pacific LTE Market: Key Industry Highlights, 2018 and 2032
2. Asia Pacific LTE Historical Market: Breakup by Component (USD Billion), 2018-2023
3. Asia Pacific LTE Market Forecast: Breakup by Component (USD Billion), 2024-2032
4. Asia Pacific LTE Historical Market: Breakup by Deployment Model (USD Billion), 2018-2023
5. Asia Pacific LTE Market Forecast: Breakup by Deployment Model (USD Billion), 2024-2032
6. Asia Pacific LTE Historical Market: Breakup by Technology (USD Billion), 2018-2023
7. Asia Pacific LTE Market Forecast: Breakup by Technology (USD Billion), 2024-2032
8. Asia Pacific LTE Historical Market: Breakup by Application (USD Billion), 2018-2023
9. Asia Pacific LTE Market Forecast: Breakup by Application (USD Billion), 2024-2032
10. Asia Pacific LTE Historical Market: Breakup by End Use (USD Billion), 2018-2023
11. Asia Pacific LTE Market Forecast: Breakup by End Use (USD Billion), 2024-2032
12. Asia Pacific Asia Pacific LTE Historical Market: Breakup by Country (USD Billion), 2018-2023
13. Asia Pacific Asia Pacific LTE Market Forecast: Breakup by Country (USD Billion), 2024-2032
14. Asia Pacific LTE Market Structure

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