

Global 3nm Process Foundry Service Market Growth (Status and Outlook) 2026-2032

<https://marketpublishers.com/r/G17A39BFAE05EN.html>

Date: August 2026

Pages: 78

Price: US\$ 3,660.00 (Single User License)

ID: G17A39BFAE05EN

Abstracts

The global 3nm Process Foundry Service market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

United States market for 3nm Process Foundry Service is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for 3nm Process Foundry Service is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for 3nm Process Foundry Service is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key 3nm Process Foundry Service players cover TSMC, Samsung, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LPI (LP Information)' newest research report, the "3nm Process Foundry Service Industry Forecast" looks at past sales and reviews total world 3nm Process Foundry Service sales in 2025, providing a comprehensive analysis by region and market sector of projected 3nm Process Foundry Service sales for 2026 through 2032. With 3nm Process Foundry Service sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world 3nm Process Foundry Service industry.

This Insight Report provides a comprehensive analysis of the global 3nm Process Foundry Service landscape and highlights key trends related to product segmentation,

company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on 3nm Process Foundry Service portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global 3nm Process Foundry Service market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for 3nm Process Foundry Service and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global 3nm Process Foundry Service.

This report presents a comprehensive overview, market shares, and growth opportunities of 3nm Process Foundry Service market by product type, application, key players and key regions and countries.

Segmentation by Type:

FinFET Technology

GAA Technology

Segmentation by Application:

Consumer Electronics

High Performance Computing

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

TSMC

Samsung

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global 3nm Process Foundry Service Market Size (2021-2032)
 - 2.1.2 3nm Process Foundry Service Market Size CAGR by Region (2021 VS 2025 VS 2032)
 - 2.1.3 World Current & Future Analysis for 3nm Process Foundry Service by Country/Region (2021, 2025 & 2032)
- 2.2 3nm Process Foundry Service Segment by Type
 - 2.2.1 FinFET Technology
 - 2.2.2 GAA Technology
 - 2.2.3 3nm Process Foundry Service Market Size by Type
 - 2.2.3.1 3nm Process Foundry Service Market Size CAGR by Type (2021 VS 2025 VS 2032)
 - 2.2.3.2 Global 3nm Process Foundry Service Market Size Market Share by Type (2021-2026)
- 2.3 3nm Process Foundry Service Segment by Application
 - 2.3.1 Consumer Electronics
 - 2.3.2 High Performance Computing
 - 2.3.3 Other
 - 2.3.4 3nm Process Foundry Service Market Size by Application
 - 2.3.4.1 3nm Process Foundry Service Market Size CAGR by Application (2021 VS 2025 VS 2032)
 - 2.3.4.2 Global 3nm Process Foundry Service Market Size Market Share by Application (2021-2026)

3 3NM PROCESS FOUNDRY SERVICE MARKET SIZE BY PLAYER

3.1 3nm Process Foundry Service Market Size Market Share by Player

3.1.1 Global 3nm Process Foundry Service Revenue by Player (2021-2026)

3.1.2 Global 3nm Process Foundry Service Revenue Market Share by Player (2021-2026)

3.2 Global 3nm Process Foundry Service Key Players Head office and Products Offered

3.3 Market Concentration Rate Analysis

3.3.1 Competition Landscape Analysis

3.3.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.4 New Products and Potential Entrants

3.5 Mergers & Acquisitions, Expansion

4 3NM PROCESS FOUNDRY SERVICE BY REGION

4.1 3nm Process Foundry Service Market Size by Region (2021-2026)

4.2 Global 3nm Process Foundry Service Annual Revenue by Country/Region (2021-2026)

4.3 Americas 3nm Process Foundry Service Market Size Growth (2021-2026)

4.4 APAC 3nm Process Foundry Service Market Size Growth (2021-2026)

4.5 Europe 3nm Process Foundry Service Market Size Growth (2021-2026)

4.6 Middle East & Africa 3nm Process Foundry Service Market Size Growth (2021-2026)

5 AMERICAS

5.1 Americas 3nm Process Foundry Service Market Size by Country (2021-2026)

5.2 Americas 3nm Process Foundry Service Market Size by Type (2021-2026)

5.3 Americas 3nm Process Foundry Service Market Size by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC 3nm Process Foundry Service Market Size by Region (2021-2026)

6.2 APAC 3nm Process Foundry Service Market Size by Type (2021-2026)

6.3 APAC 3nm Process Foundry Service Market Size by Application (2021-2026)

- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia

7 EUROPE

- 7.1 Europe 3nm Process Foundry Service Market Size by Country (2021-2026)
- 7.2 Europe 3nm Process Foundry Service Market Size by Type (2021-2026)
- 7.3 Europe 3nm Process Foundry Service Market Size by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa 3nm Process Foundry Service by Region (2021-2026)
- 8.2 Middle East & Africa 3nm Process Foundry Service Market Size by Type (2021-2026)
- 8.3 Middle East & Africa 3nm Process Foundry Service Market Size by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

10 GLOBAL 3NM PROCESS FOUNDRY SERVICE MARKET FORECAST

- 10.1 Global 3nm Process Foundry Service Forecast by Region (2027-2032)
 - 10.1.1 Global 3nm Process Foundry Service Forecast by Region (2027-2032)
 - 10.1.2 Americas 3nm Process Foundry Service Forecast
 - 10.1.3 APAC 3nm Process Foundry Service Forecast
 - 10.1.4 Europe 3nm Process Foundry Service Forecast
 - 10.1.5 Middle East & Africa 3nm Process Foundry Service Forecast
- 10.2 Americas 3nm Process Foundry Service Forecast by Country (2027-2032)
 - 10.2.1 United States Market 3nm Process Foundry Service Forecast
 - 10.2.2 Canada Market 3nm Process Foundry Service Forecast
 - 10.2.3 Mexico Market 3nm Process Foundry Service Forecast
 - 10.2.4 Brazil Market 3nm Process Foundry Service Forecast
- 10.3 APAC 3nm Process Foundry Service Forecast by Region (2027-2032)
 - 10.3.1 China 3nm Process Foundry Service Market Forecast
 - 10.3.2 Japan Market 3nm Process Foundry Service Forecast
 - 10.3.3 Korea Market 3nm Process Foundry Service Forecast
 - 10.3.4 Southeast Asia Market 3nm Process Foundry Service Forecast
 - 10.3.5 India Market 3nm Process Foundry Service Forecast
 - 10.3.6 Australia Market 3nm Process Foundry Service Forecast
- 10.4 Europe 3nm Process Foundry Service Forecast by Country (2027-2032)
 - 10.4.1 Germany Market 3nm Process Foundry Service Forecast
 - 10.4.2 France Market 3nm Process Foundry Service Forecast
 - 10.4.3 UK Market 3nm Process Foundry Service Forecast
 - 10.4.4 Italy Market 3nm Process Foundry Service Forecast
 - 10.4.5 Russia Market 3nm Process Foundry Service Forecast
- 10.5 Middle East & Africa 3nm Process Foundry Service Forecast by Region (2027-2032)
 - 10.5.1 Egypt Market 3nm Process Foundry Service Forecast
 - 10.5.2 South Africa Market 3nm Process Foundry Service Forecast
 - 10.5.3 Israel Market 3nm Process Foundry Service Forecast
 - 10.5.4 Turkey Market 3nm Process Foundry Service Forecast
- 10.6 Global 3nm Process Foundry Service Forecast by Type (2027-2032)
- 10.7 Global 3nm Process Foundry Service Forecast by Application (2027-2032)
 - 10.7.1 GCC Countries Market 3nm Process Foundry Service Forecast

11 KEY PLAYERS ANALYSIS

11.1 TSMC

- 11.1.1 TSMC Company Information
- 11.1.2 TSMC 3nm Process Foundry Service Product Offered

11.1.3 TSMC 3nm Process Foundry Service Revenue, Gross Margin and Market Share (2021-2026)

11.1.4 TSMC Main Business Overview

11.1.5 TSMC Latest Developments

11.2 Samsung

11.2.1 Samsung Company Information

11.2.2 Samsung 3nm Process Foundry Service Product Offered

11.2.3 Samsung 3nm Process Foundry Service Revenue, Gross Margin and Market Share (2021-2026)

11.2.4 Samsung Main Business Overview

11.2.5 Samsung Latest Developments

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. 3nm Process Foundry Service Market Size CAGR by Region (2021 VS 2025 VS 2032) & (\$ millions)

Table 2. 3nm Process Foundry Service Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of FinFET Technology

Table 4. Major Players of GAA Technology

Table 5. 3nm Process Foundry Service Market Size CAGR by Type (2021 VS 2025 VS 2032) & (\$ millions)

Table 6. Global 3nm Process Foundry Service Market Size by Type (2021-2026) & (\$ millions)

Table 7. Global 3nm Process Foundry Service Market Size Market Share by Type (2021-2026)

Table 8. 3nm Process Foundry Service Market Size CAGR by Application (2021 VS 2025 VS 2032) & (\$ millions)

Table 9. Global 3nm Process Foundry Service Market Size by Application (2021-2026) & (\$ millions)

Table 10. Global 3nm Process Foundry Service Market Size Market Share by Application (2021-2026)

Table 11. Global 3nm Process Foundry Service Revenue by Player (2021-2026) & (\$ millions)

Table 12. Global 3nm Process Foundry Service Revenue Market Share by Player (2021-2026)

Table 13. 3nm Process Foundry Service Key Players Head office and Products Offered

Table 14. 3nm Process Foundry Service Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 15. New Products and Potential Entrants

Table 16. Mergers & Acquisitions, Expansion

Table 17. Global 3nm Process Foundry Service Market Size by Region (2021-2026) & (\$ millions)

Table 18. Global 3nm Process Foundry Service Market Size Market Share by Region (2021-2026)

Table 19. Global 3nm Process Foundry Service Revenue by Country/Region (2021-2026) & (\$ millions)

Table 20. Global 3nm Process Foundry Service Revenue Market Share by Country/Region (2021-2026)

Table 21. Americas 3nm Process Foundry Service Market Size by Country (2021-2026) & (\$ millions)

Table 22. Americas 3nm Process Foundry Service Market Size Market Share by Country (2021-2026)

Table 23. Americas 3nm Process Foundry Service Market Size by Type (2021-2026) & (\$ millions)

Table 24. Americas 3nm Process Foundry Service Market Size Market Share by Type (2021-2026)

Table 25. Americas 3nm Process Foundry Service Market Size by Application (2021-2026) & (\$ millions)

Table 26. Americas 3nm Process Foundry Service Market Size Market Share by Application (2021-2026)

Table 27. APAC 3nm Process Foundry Service Market Size by Region (2021-2026) & (\$ millions)

Table 28. APAC 3nm Process Foundry Service Market Size Market Share by Region (2021-2026)

Table 29. APAC 3nm Process Foundry Service Market Size by Type (2021-2026) & (\$ millions)

Table 30. APAC 3nm Process Foundry Service Market Size by Application (2021-2026) & (\$ millions)

Table 31. Europe 3nm Process Foundry Service Market Size by Country (2021-2026) & (\$ millions)

Table 32. Europe 3nm Process Foundry Service Market Size Market Share by Country (2021-2026)

Table 33. Europe 3nm Process Foundry Service Market Size by Type (2021-2026) & (\$ millions)

Table 34. Europe 3nm Process Foundry Service Market Size by Application (2021-2026) & (\$ millions)

Table 35. Middle East & Africa 3nm Process Foundry Service Market Size by Region (2021-2026) & (\$ millions)

Table 36. Middle East & Africa 3nm Process Foundry Service Market Size by Type (2021-2026) & (\$ millions)

Table 37. Middle East & Africa 3nm Process Foundry Service Market Size by Application (2021-2026) & (\$ millions)

Table 38. Key Market Drivers & Growth Opportunities of 3nm Process Foundry Service

Table 39. Key Market Challenges & Risks of 3nm Process Foundry Service

Table 40. Key Industry Trends of 3nm Process Foundry Service

Table 41. Global 3nm Process Foundry Service Market Size Forecast by Region (2027-2032) & (\$ millions)

Table 42. Global 3nm Process Foundry Service Market Size Market Share Forecast by Region (2027-2032)

Table 43. Global 3nm Process Foundry Service Market Size Forecast by Type (2027-2032) & (\$ millions)

Table 44. Global 3nm Process Foundry Service Market Size Forecast by Application (2027-2032) & (\$ millions)

Table 45. TSMC Details, Company Type, 3nm Process Foundry Service Area Served and Its Competitors

Table 46. TSMC 3nm Process Foundry Service Product Offered

Table 47. TSMC 3nm Process Foundry Service Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 48. TSMC Main Business

Table 49. TSMC Latest Developments

Table 50. Samsung Details, Company Type, 3nm Process Foundry Service Area Served and Its Competitors

Table 51. Samsung 3nm Process Foundry Service Product Offered

Table 52. Samsung 3nm Process Foundry Service Revenue (\$ million), Gross Margin and Market Share (2021-2026)

Table 53. Samsung Main Business

Table 54. Samsung Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. 3nm Process Foundry Service Report Years Considered

Figure 2. Research Objectives

Figure 3. Research Methodology

Figure 4. Research Process and Data Source

Figure 5. Global 3nm Process Foundry Service Market Size Growth Rate (2021-2032) (\$ millions)

Figure 6. 3nm Process Foundry Service Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 7. 3nm Process Foundry Service Sales Market Share by Country/Region (2025)

Figure 8. 3nm Process Foundry Service Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 9. Global 3nm Process Foundry Service Market Size Market Share by Type in 2025

Figure 10. 3nm Process Foundry Service in Consumer Electronics

Figure 11. Global 3nm Process Foundry Service Market: Consumer Electronics (2021-2026) & (\$ millions)

Figure 12. 3nm Process Foundry Service in High Performance Computing

Figure 13. Global 3nm Process Foundry Service Market: High Performance Computing (2021-2026) & (\$ millions)

Figure 14. 3nm Process Foundry Service in Other

Figure 15. Global 3nm Process Foundry Service Market: Other (2021-2026) & (\$ millions)

Figure 16. Global 3nm Process Foundry Service Market Size Market Share by Application in 2025

Figure 17. Global 3nm Process Foundry Service Revenue Market Share by Player in 2025

Figure 18. Global 3nm Process Foundry Service Market Size Market Share by Region (2021-2026)

Figure 19. Americas 3nm Process Foundry Service Market Size 2021-2026 (\$ millions)

Figure 20. APAC 3nm Process Foundry Service Market Size 2021-2026 (\$ millions)

Figure 21. Europe 3nm Process Foundry Service Market Size 2021-2026 (\$ millions)

Figure 22. Middle East & Africa 3nm Process Foundry Service Market Size 2021-2026 (\$ millions)

Figure 23. Americas 3nm Process Foundry Service Value Market Share by Country in 2025

Figure 24. United States 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 25. Canada 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 26. Mexico 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 27. Brazil 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 28. APAC 3nm Process Foundry Service Market Size Market Share by Region in 2025

Figure 29. APAC 3nm Process Foundry Service Market Size Market Share by Type (2021-2026)

Figure 30. APAC 3nm Process Foundry Service Market Size Market Share by Application (2021-2026)

Figure 31. China 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 32. Japan 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 33. South Korea 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 34. Southeast Asia 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 35. India 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 36. Australia 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 37. Europe 3nm Process Foundry Service Market Size Market Share by Country in 2025

Figure 38. Europe 3nm Process Foundry Service Market Size Market Share by Type (2021-2026)

Figure 39. Europe 3nm Process Foundry Service Market Size Market Share by Application (2021-2026)

Figure 40. Germany 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 41. France 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 42. UK 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 43. Italy 3nm Process Foundry Service Market Size Growth 2021-2026 (\$

millions)

Figure 44. Russia 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 45. Middle East & Africa 3nm Process Foundry Service Market Size Market Share by Region (2021-2026)

Figure 46. Middle East & Africa 3nm Process Foundry Service Market Size Market Share by Type (2021-2026)

Figure 47. Middle East & Africa 3nm Process Foundry Service Market Size Market Share by Application (2021-2026)

Figure 48. Egypt 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 49. South Africa 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 50. Israel 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 51. Turkey 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 52. GCC Countries 3nm Process Foundry Service Market Size Growth 2021-2026 (\$ millions)

Figure 53. Americas 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 54. APAC 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 55. Europe 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 56. Middle East & Africa 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 57. United States 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 58. Canada 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 59. Mexico 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 60. Brazil 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 61. China 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 62. Japan 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 63. Korea 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 64. Southeast Asia 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 65. India 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 66. Australia 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 67. Germany 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 68. France 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 69. UK 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 70. Italy 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 71. Russia 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 72. Egypt 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 73. South Africa 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 74. Israel 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 75. Turkey 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

Figure 76. Global 3nm Process Foundry Service Market Size Market Share Forecast by Type (2027-2032)

Figure 77. Global 3nm Process Foundry Service Market Size Market Share Forecast by Application (2027-2032)

Figure 78. GCC Countries 3nm Process Foundry Service Market Size 2027-2032 (\$ millions)

I would like to order

Product name: Global 3nm Process Foundry Service Market Growth (Status and Outlook) 2026-2032

Product link: <https://marketpublishers.com/r/G17A39BFAE05EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G17A39BFAE05EN.html>