

Application Server Market Size, Share & Trends Analysis Report By Type (Java, Microsoft Windows), By Deployment (Hosted, On-premise), By End Use (BFSI, Manufacturing, IT & Telecom), And Segment Forecasts, 2021 - 2028

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Abstracts

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Application Server Market Growth & Trends

The global application server market size is estimated to reach USD 40.96 billion by 2028, registering a CAGR of 13.2% over the forecast period, according to a new report by Grand View Research, Inc. The growth of the market can be attributed to the proliferation of laptops, smartphones, and tablets. The widespread use of computer systems and the growing preference for mobile internet applications among end users are expected to contribute to the growth over the forecast period.

Application servers offer tools for creating web applications, a server environment to run applications, and middleware services for security and maintenance while helping in ensuring easy data access. They also allow developers to handle the transactions between end users and the backend databases.

Intensifying competition in the e-commerce industry and the growing demand for applications that can potentially support sales and improve processes bode well for the growth of the market over the forecast period. Unlike web servers, application servers can serve business needs through multiple protocols and help in simplifying the development of client applications, thereby contributing to the growth of the market.

The application server market is witnessing rapid growth at present. Key market players, such as Microsoft Corporation, International Business Machines Corp., and Oracle Corporation, have established a strong global presence and are controlling a significant share of the market, thereby discouraging new entrants contemplating a market foray. At the same time, application server solution providers are aggressively deploying technical and financial resources to develop additional functionalities and improve their respective application servers.

The outbreak of the COVID-19 pandemic has prompted organizations to reconfigure and revamp their business operations. At this juncture, the measures being implemented to contain the spread of coronavirus, such as lockdowns, restrictions on travel, and work from home and remote working policies, among others, coupled with the changing behavior of customers are expected to play a vital role in driving the growth of the market over the forecast period.

Application Server Market Report Highlights

The Java segment accounted for the largest market share in 2020. The higher adoption level of Java application servers, especially by the incumbents of the manufacturing, e-commerce, and healthcare industry verticals, is expected to propel the growth of the segment

J Boss is expected to emerge as the fastest-growing segment over the forecast period. It is a fully Jakarta EE application server that comprises Enterprise JavaBeans, a platform-independent Java application, and other technologies that allow developers to develop large-scale Java applications

The hosted segment is expected to witness a CAGR of 13.5% over the forecast period. Hosted deployment offers various benefits, such as lower costs, convenience, flexibility, and improved security

The manufacturing segment is projected to register a CAGR of 14.3% from 2021 to 2028. The growing adoption of Industrial Internet of Things (IIoT) applications by the incumbents of the manufacturing industry is expected to drive the growth of the segment

The Asia Pacific regional market is anticipated to grow significantly and reach USD 9.25 billion by 2028. The growing number of software and IT service providers in developing nations, such as India and China, and the continued

adoption of the latest technologies by these service providers bode well for the growth of the regional market over the forecast period

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Scope and Assumptions
- 1.3 List of Data Sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Application Server Market - Industry Snapshot & Key Buying Criteria, 2016 - 2028
- 2.2 Global Application Server Market, 2016 - 2028

CHAPTER 3 APPLICATION SERVER INDUSTRY OUTLOOK

- 3.1 Market Segmentation and Scope
- 3.2 Market Size and Growth Prospects
- 3.3 Application Server Market - Value Chain Analysis
 - 3.3.1 Vendor landscape
- 3.4 Application Server - Market Dynamics
 - 3.4.1 Market driver analysis
 - 3.4.1.1 Increasing use of computer & mobile applications
 - 3.4.1.2 High growth potential of e-commerce and m-commerce
 - 3.4.2 Market challenge analysis
 - 3.4.2.1 High maintenance cost of application servers
- 3.5 Penetration and Growth Prospect Mapping
- 3.6 Application Server Market - Market Share/Company Ranking Analysis, 2020
- 3.7 Application Server Market - Porter's Five Forces Analysis
- 3.8 Application Server Market - PEST Analysis
- 3.9 Application Server Market - COVID-19 Impact Analysis

CHAPTER 4 APPLICATION SERVER TYPE OUTLOOK

- 4.1 Application Server Market Share By Type, 2020
- 4.2 Java
 - 4.2.1 Application server market, by Java type, 2016 - 2028
- 4.3 Microsoft Windows
 - 4.3.1 Application server market, by Microsoft Windows type, 2016 - 2028
- 4.4 Others

4.4.1 Application server market, by others, 2016 - 2028

CHAPTER 5 APPLICATION SERVER DEPLOYMENT OUTLOOK

5.1 Application Server Market Share By Deployment, 2020

5.2 Hosted

5.2.1 Hosted application server market, 2016 - 2028

5.3 On-premise

5.3.1 On-premise application server market, 2016 - 2028

CHAPTER 6 APPLICATION SERVER END-USE OUTLOOK

6.1 Application Server Market Share By End Use, 2020

6.2 BFSI

6.2.1 Application server market in BFSI, 2016 - 2028

6.3 Government

6.3.1 Application server market in government, 2016 - 2028

6.4 Healthcare

6.4.1 Application server market in healthcare, 2016 - 2028

6.5 IT & Telecom

6.5.1 Application server market in IT & telecom, 2016 - 2028

6.6 Manufacturing

6.6.1 Application server market in manufacturing, 2016 - 2028

6.7 Retail

6.7.1 Application server market in retail, 2016 - 2028

6.8 Others

6.8.1 Application server market in other applications, 2016 - 2028

CHAPTER 7 APPLICATION SERVER REGIONAL OUTLOOK

7.1 Application Server Market Share by Region, 2020

7.2 North America

7.2.1 North America application server market, 2016 - 2028

7.2.2 North America application server market, by type, 2016 - 2028

7.2.2.1 North America Java application server market, by type, 2016 - 2028

7.2.3 North America application server market, by deployment, 2016 - 2028

7.2.4 North America application server market, by end use, 2016 - 2028

7.2.5 U.S.

7.2.5.1 U.S. application server market, 2016 - 2028

7.2.5.2 U.S. application server market, by type, 2016 - 2028

7.2.5.2.1 U.S. Java application server market, by type, 2016 - 2028

7.2.5.3 U.S. application server market, by deployment, 2016 - 2028

7.2.5.4 U.S. application server market, by end use, 2016 - 2028

7.2.6 Canada

7.2.6.1 Canada application server market, 2016 - 2028

7.2.6.2 Canada application server market, by type, 2016 - 2028

7.2.6.2.1 Canada Java application server market, by type, 2016 - 2028

7.2.6.3 Canada application server market, by deployment, 2016 - 2028

7.2.6.4 Canada application server market, by end use, 2016 - 2028

7.3 Europe

7.3.1 Europe application server market, 2016 - 2028

7.3.2 Europe application server market, by type, 2016 - 2028

7.3.2.1 Europe Java application server market, by type, 2016 - 2028

7.3.3 Europe application server market, by deployment, 2016 - 2028

7.3.4 Europe application server market, by end use, 2016 - 2028

7.3.5 U.K.

7.3.5.1 U.K. application server market, 2016 - 2028

7.3.5.2 U.K. application server market, by type, 2016 - 2028

7.3.5.2.1 U.K. Java application server market, by type, 2016 - 2028

7.3.5.3 U.K. application server market, by deployment, 2016 - 2028

7.3.5.4 U.K. application server market, by end use, 2016 - 2028

7.3.6 Germany

7.3.6.1 Germany application server market, 2016 - 2028

7.3.6.2 Germany application server market, by type, 2016 - 2028

7.3.6.2.1 Germany Java application server market, by type, 2016 - 2028

7.3.6.3 Germany application server market, by deployment, 2016 - 2028

7.2.6.4 Germany application server market, by end use, 2016 - 2028

7.4 Asia Pacific

7.4.1 Asia Pacific application server market, 2016 - 2028

7.4.2 Asia Pacific application server market, by type, 2016 - 2028

7.4.2.1 Asia Pacific Java application server market, by type, 2016 - 2028

7.4.3 Asia Pacific application server market, by deployment, 2016 - 2028

7.4.4 Asia Pacific application server market, by end use, 2016 - 2028

7.4.5 China

7.4.5.1 China application server market, 2016 - 2028

7.4.5.2 China application server market, by type, 2016 - 2028

7.4.5.2.1 China Java application server market, by type, 2016 - 2028

7.4.5.3 China application server market, by deployment, 2016 - 2028

7.4.5.4 China application server market, by end use, 2016 - 2028

7.4.6 India

7.4.6.1 India application server market, 2016 - 2028

7.4.6.2 India application server market, by type, 2016 - 2028

7.4.6.2.1 India Java application server market, by type, 2016 - 2028

7.4.6.3 India application server market, by deployment, 2016 - 2028

7.4.6.4 India application server market, by end use, 2016 - 2028

7.4.7 Japan

7.4.7.1 Japan application server market, 2016 - 2028

7.4.7.2 Japan application server market, by type, 2016 - 2028

7.4.7.2.1 Japan Java application server market, by type, 2016 - 2028

7.4.7.3 Japan application server market, by deployment, 2016 - 2028

7.4.7.4 Japan application server market, by end use, 2016 - 2028

7.5 Latin America

7.5.1 Latin America application server market, 2016 - 2028

7.5.2 Latin America application server market, by type, 2016 - 2028

7.5.2.1 Latin America Java application server market, by type, 2016 - 2028

7.5.3 Latin America application server market, by deployment, 2016 - 2028

7.5.4 Latin America application server market, by end use, 2016 - 2028

7.5.5 Brazil

7.5.5.1 Brazil application server market, 2016 - 2028

7.5.5.2 Brazil application server market, by type, 2016 - 2028

7.5.5.2.1 Brazil Java application server market, by type, 2016 - 2028

7.5.5.3 Brazil application server market, by deployment, 2016 - 2028

7.5.5.4 Brazil application server market, by end use, 2016 - 2028

7.6 Middle East & Africa (MEA)

7.6.1 Middle East & Africa (MEA) application server market, 2016 - 2028

7.6.2 Middle East & Africa (MEA) application server market, by type, 2016 - 2028

7.6.2.1 Middle East & Africa (MEA) Java application server market, by type, 2016 - 2028

7.6.3 Middle East & Africa (MEA) application server market, by deployment, 2016 - 2028

7.6.4 Middle East & Africa (MEA) application server market, by end use, 2016 - 2028

CHAPTER 8 COMPETITIVE LANDSCAPE

8.1 Microsoft Corporation

8.1.1 Company overview

8.1.2 Financial performance

- 8.1.3 Product benchmarking
- 8.1.4 Strategic initiatives
- 8.2 International Business Machines Corp.
 - 8.2.1 Company overview
 - 8.2.2 Financial performance
 - 8.2.3 Product benchmarking
 - 8.2.4 Strategic initiatives
- 8.3 Oracle Corporation
 - 8.3.1 Company overview
 - 8.3.2 Financial performance
 - 8.3.3 Product benchmarking
 - 8.3.4 Strategic initiatives
- 8.4 Red Hat, Inc.
 - 8.4.1 Company overview
 - 8.4.2 Financial performance
 - 8.4.3 Product benchmarking
 - 8.4.4 Strategic initiatives
- 8.5 TIBCO Software Inc.
 - 8.5.1 Company overview
 - 8.5.2 Financial performance
 - 8.5.3 Product benchmarking
 - 8.5.4 Strategic initiatives
- 8.6 The Apache Software Foundation
 - 8.6.1 Company overview
 - 8.6.2 Financial performance
 - 8.6.3 Product benchmarking
 - 8.6.4 Strategic initiatives
- 8.7 FUJITSU
 - 8.7.1 Company overview
 - 8.7.2 Financial performance
 - 8.7.3 Product benchmarking
 - 8.7.4 Strategic initiatives
- 8.8 VMware, Inc
 - 8.8.1 Company overview
 - 8.8.2 Financial performance
 - 8.8.3 Product benchmarking
 - 8.8.4 Strategic initiatives
- 8.9 NEC Corporation
 - 8.9.1 Company overview

8.9.2 Financial performance

8.9.3 Product benchmarking

8.9.4 Strategic initiatives

8.10 SAP SE

8.10.1 Company overview

8.10.2 Financial performance

8.10.3 Product benchmarking

8.10.4 Strategic initiatives

List Of Tables

LIST OF TABLES

- TABLE 1 Application server market - Industry snapshot & key buying criteria, 2016 - 2028
- TABLE 2 Global application server market, 2016 - 2028 (USD Billion)
- TABLE 3 Global application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 4 Global application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 5 Global Java application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 6 Global application server market, by deployment, 2016 - 2028 (USD Billion)
- TABLE 7 Global application server market, by end use, 2016 - 2028 (USD Billion)
- TABLE 8 Vendor landscape
- TABLE 9 Application server Market - Key market driver impact
- TABLE 10 Application server Market - Key market challenge impact
- TABLE 11 Java application server market, 2016 - 2028 (USD Billion)
- TABLE 12 Java application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 13 J Boss application server market, 2016 - 2028 (USD Billion)
- TABLE 14 J Boss application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 15 Jetty application server market, 2016 - 2028 (USD Billion)
- TABLE 16 Jetty application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 17 Tomcat application server market, 2016 - 2028 (USD Billion)
- TABLE 18 Tomcat application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 19 Other application server market, 2016 - 2028 (USD Billion)
- TABLE 20 Other application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 21 Microsoft Windows application server market, 2016 - 2028 (USD Billion)
- TABLE 22 Microsoft Windows application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 23 Other application server market, 2016 - 2028 (USD Billion)
- TABLE 24 Other application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 25 Hosted application server market, 2016 - 2028 (USD Billion)
- TABLE 26 Hosted application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 27 On-premise application server market, 2016 - 2028 (USD Billion)
- TABLE 28 On-premise application server market, by region, 2016 - 2028 (USD Billion)
- TABLE 29 Application server market in BFSI, 2016 - 2028 (USD Billion)
- TABLE 30 Application server market in BFSI, by region, 2016 - 2028 (USD Billion)
- TABLE 31 Application server market in government, 2016 - 2028 (USD Billion)
- TABLE 32 Application server market in government, by region, 2016 - 2028 (USD Billion)

- TABLE 33 Application server market in healthcare, 2016 - 2028 (USD Billion)
- TABLE 34 Application server market in healthcare, by region, 2016 - 2028 (USD Billion)
- TABLE 35 Application server market in IT & telecom, 2016 - 2028 (USD Billion)
- TABLE 36 Application server market in IT & telecom, by region, 2016 - 2028 (USD Billion)
- TABLE 37 Application server market in manufacturing, 2016 - 2028 (USD Billion)
- TABLE 38 Application server market in manufacturing, by region, 2016 - 2028 (USD Billion)
- TABLE 39 Application server market in retail, 2016 - 2028 (USD Billion)
- TABLE 40 Application server market in retail, by region, 2016 - 2028 (USD Billion)
- TABLE 41 Application server market in other end use, 2016 - 2028 (USD Billion)
- TABLE 42 Application server market in other end use, by region, 2016 - 2028 (USD Billion)
- TABLE 43 North America application server market, 2016 - 2028 (USD Billion)
- TABLE 44 North America application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 45 North America Java application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 46 North America application server market, by deployment, 2016 - 2028 (USD Billion)
- TABLE 47 North America application server market, by end use, 2016 - 2028 (USD Billion)
- TABLE 48 U.S. application server market, 2016 - 2028 (USD Billion)
- TABLE 49 U.S. application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 50 U.S. Java application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 51 U.S. application server market, by deployment, 2016 - 2028 (USD Billion)
- TABLE 52 U.S. application server market, by end use, 2016 - 2028 (USD Billion)
- TABLE 53 Canada application server market, 2016 - 2028 (USD Billion)
- TABLE 54 Canada application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 55 Canada Java application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 56 Canada application server market, by deployment, 2016 - 2028 (USD Billion)
- TABLE 57 Canada application server market, by end use, 2016 - 2028 (USD Billion)
- TABLE 58 Europe application server market, 2016 - 2028 (USD Billion)
- TABLE 59 Europe application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 60 Europe Java application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 61 Europe application server market, by deployment, 2016 - 2028 (USD Billion)
- TABLE 62 Europe application server market, by end use, 2016 - 2028 (USD Billion)
- TABLE 63 U.K. application server market, 2016 - 2028 (USD Billion)
- TABLE 64 U.K. application server market, by type, 2016 - 2028 (USD Billion)
- TABLE 65 U.K. Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 66 U.K. application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 67 U.K. application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 68 Germany application server market, 2016 - 2028 (USD Billion)

TABLE 69 Germany application server market, by type, 2016 - 2028 (USD Billion)

TABLE 70 Germany Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 71 Germany application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 72 Germany application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 73 Asia Pacific application server market, 2016 - 2028 (USD Billion)

TABLE 74 Asia Pacific application server market, by type, 2016 - 2028 (USD Billion)

TABLE 75 Asia Pacific Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 76 Asia Pacific application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 77 Asia Pacific application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 78 China application server market, 2016 - 2028 (USD Billion)

TABLE 79 China application server market, by type, 2016 - 2028 (USD Billion)

TABLE 80 China Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 81 China application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 82 China application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 83 India application server market, 2016 - 2028 (USD Billion)

TABLE 84 India application server market, by type, 2016 - 2028 (USD Billion)

TABLE 85 India Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 86 India application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 87 India application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 88 Japan application server market, 2016 - 2028 (USD Billion)

TABLE 89 Japan application server market, by type, 2016 - 2028 (USD Billion)

TABLE 90 Japan Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 91 Japan application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 92 Japan application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 93 Latin America application server market, 2016 - 2028 (USD Billion)

TABLE 94 Latin America application server market, by type, 2016 - 2028 (USD Billion)

TABLE 95 Latin America Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 96 Latin America application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 97 Latin America application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 98 Brazil application server market, 2016 - 2028 (USD Billion)

TABLE 99 Brazil application server market, by type, 2016 - 2028 (USD Billion)

TABLE 100 Brazil Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 101 Brazil application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 102 Brazil application server market, by end use, 2016 - 2028 (USD Billion)

TABLE 103 Middle East & Africa (MEA) application server market, 2016 - 2028 (USD Billion)

TABLE 104 Middle East & Africa (MEA) application server market, by type, 2016 - 2028 (USD Billion)

TABLE 105 Middle East & Africa (MEA) Java application server market, by type, 2016 - 2028 (USD Billion)

TABLE 106 Middle East & Africa (MEA) application server market, by deployment, 2016 - 2028 (USD Billion)

TABLE 107 Middle East & Africa (MEA) application server market, by end use, 2016 - 2028 (USD Billion)

List Of Figures

LIST OF FIGURES

- FIG. 1 Market segmentation and scope
- FIG. 2 Global application server market, 2016 - 2028 (USD Billion)
- FIG. 3 Application server market - Value chain analysis
- FIG. 4 Application server - Market dynamics
- FIG. 5 Key opportunities prioritized
- FIG. 6 Application server market - Market share/Company ranking analysis, 2020
- FIG. 7 Application server Market - Porter's five forces analysis
- FIG. 8 Application server Market - PESTEL analysis
- FIG. 9 Application server market, by type, 2020
- FIG. 10 Application server market, by deployment, 2020
- FIG. 11 Application server market, by end use, 2020
- FIG. 12 Application server market, by region, 2020
- FIG. 13 Application server market - Regional takeaways
- FIG. 14 North America application server market - Key takeaways
- FIG. 15 Europe application server market - Key takeaways
- FIG. 16 Asia Pacific application server market - Key takeaways
- FIG. 17 Latin America application server market - Key takeaways
- FIG. 18 Middle East & Africa (MEA) application server market - Key takeaways

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