

Next-Generation Firewall Market - Forecast from 2026 to 2031

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Abstracts

Next-Generation Firewall Market is projected to expand at a 11.51% CAGR, attaining USD 10.615 billion in 2031 from USD 5.520 billion in 2025.

The Next-Generation Firewall (NGFW) market is being propelled by an increasingly hostile cyber threat landscape and a fundamental shift in enterprise infrastructure toward cloud and hybrid environments. NGFWs represent the evolution of traditional firewall technology, integrating classic stateful inspection with advanced capabilities such as deep packet inspection (DPI), intrusion prevention systems (IPS), and application-aware filtering. This convergence provides a more robust security posture capable of identifying and mitigating sophisticated, application-layer attacks that bypass conventional defenses.

The market's primary catalyst is the relentless escalation in both the frequency and complexity of cyberattacks. The proliferation of Internet of Things (IoT) devices, often deployed with insufficient inherent security, has significantly expanded the attack surface. NGFWs are critical in this context, as their deep inspection and intrusion prevention capabilities enable organizations to detect and block advanced threats, including malware and application-specific exploits, more effectively than previous-generation solutions. This persistent threat environment ensures sustained demand for advanced firewall technologies.

Concurrently, the widespread adoption of cloud services is a major growth vector, fundamentally reshaping firewall deployment models. As organizations migrate workloads to public, private, and hybrid clouds, security must follow seamlessly. NGFWs, particularly in the form of cloud firewall-as-a-service (FWaaS), are essential for securing these dynamic environments. They provide scalable, integrated security that

offers consistent policy enforcement, superior threat detection, and application visibility across distributed cloud assets. The necessity for security solutions that are as agile and scalable as the cloud platforms they protect continues to drive significant investment and innovation in cloud-native NGFW offerings.

Strategically, the market is characterized by consolidation and portfolio expansion as leading vendors seek to enhance their competitive edge. Acquisitions are a prominent tactic, enabling established players to rapidly integrate new technologies, such as unified multi-cloud policy management, and expand their service capabilities. These moves are not merely about market share; they are aimed at providing more comprehensive, integrated security platforms that simplify management and improve efficacy across complex, multi-vendor IT landscapes. The ability to offer a cohesive security architecture spanning data centers, branch offices, and diverse cloud environments is a key differentiator.

From a regional perspective, North America maintains a dominant position in the NGFW market. This leadership is underpinned by the continuous innovation and product launches from industry leaders headquartered in the region. The introduction of specialized appliances for sensitive environments and the rapid adoption of cloud-native firewall services exemplify this trend. Furthermore, the region's high awareness of cyber risk, coupled with a mature regulatory environment, compels organizations to invest in advanced security infrastructure, sustaining demand for cutting-edge NGFW solutions.

However, market growth is not without potential restraints. The very capability that defines NGFWs—deep inspection of network traffic—raises legitimate data privacy concerns. In jurisdictions with stringent data protection regulations, the extensive monitoring and analysis of data packets can conflict with privacy mandates. Organizations may face challenges balancing comprehensive security with compliance requirements, potentially leading to hesitancy in deploying full NGFW capabilities or delaying adoption in scenarios involving highly sensitive data.

The market segmentation reflects diverse deployment needs, encompassing ruggedized firewalls for industrial settings, high-throughput data center firewalls, and the rapidly growing cloud FWaaS segment. Product development continues to focus on unification and simplification, with leading vendors promoting solutions that offer centralized management and consistent policy frameworks across this hybrid mesh of firewall deployments. The emphasis is on reducing operational complexity while extending advanced threat protection to all network edges.

Key industry players, including Cisco, Palo Alto Networks, and Fortinet, continue to drive the market forward. Their product strategies emphasize not just standalone hardware or virtual appliances, but integrated platforms. For instance, offerings like unified hybrid mesh firewalls and natively integrated cloud firewall services highlight the direction toward seamless security that adapts to workload location without compromising on protection or manageability.

In conclusion, the Next-Generation Firewall market is evolving in direct response to two powerful forces: advanced cyber threats and architectural shifts toward cloud and hybrid IT. Success in this market is increasingly defined by a vendor's ability to deliver integrated, intelligent, and adaptable security platforms that provide consistent enforcement and visibility across the entire digital infrastructure, from the core data center to the cloud edge.

Key Benefits of this Report:

Insightful Analysis: Gain detailed market insights covering major as well as emerging geographical regions, focusing on customer segments, government policies and socio-economic factors, consumer preferences, industry verticals, and other sub-segments.

Competitive Landscape: Understand the strategic maneuvers employed by key players globally to understand possible market penetration with the correct strategy.

Market Drivers & Future Trends: Explore the dynamic factors and pivotal market trends and how they will shape future market developments.

Actionable Recommendations: Utilize the insights to exercise strategic decisions to uncover new business streams and revenues in a dynamic environment.

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Industry and Market Insights, Opportunity Assessment, Product Demand Forecasting, Market Entry Strategy, Geographical Expansion, Capital Investment Decisions,

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Report Coverage:

Historical data from 2021 to 2025 & forecast data from 2026 to 2031

Growth Opportunities, Challenges, Supply Chain Outlook, Regulatory Framework, and Trend Analysis

Competitive Positioning, Strategies, and Market Share Analysis

Revenue Growth and Forecast Assessment of segments and regions including countries

Company Profiling (Strategies, Products, Financial Information, and Key Developments among others.

Next-Generation Firewall Market Segmentation

By Component

Hardware

Software

Services

By Deployment

Cloud

On-Premise

By Enterprise Size

Small & Medium Enterprise

Large Enterprise

By End-User

BFSI

IT & Telecommunication

Government & Defense

Healthcare

Retail & E-Commerce

Others

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Saudi Arabia

UAE

Others

Asia Pacific

China

India

Japan

South Korea

Indonesia

Thailand

Others

Contents

1. EXECUTIVE SUMMARY

2. MARKET SNAPSHOT

- 2.1. Market Overview
- 2.2. Market Definition
- 2.3. Scope of the Study
- 2.4. Market Segmentation

3. BUSINESS LANDSCAPE

- 3.1. Market Drivers
- 3.2. Market Restraints
- 3.3. Market Opportunities
- 3.4. Porter's Five Forces Analysis
- 3.5. Industry Value Chain Analysis
- 3.6. Policies and Regulations
- 3.7. Strategic Recommendations

4. TECHNOLOGICAL OUTLOOK

5. NEXT-GENERATION FIREWALL MARKET BY COMPONENT

- 5.1. Introduction
- 5.2. Hardware
- 5.3. Software
- 5.4. Services

6. NEXT-GENERATION FIREWALL MARKET BY DEPLOYMENT

- 6.1. Introduction
- 6.2. Cloud
- 6.3. On-Premise

7. NEXT-GENERATION FIREWALL MARKET BY ENTERPRISE SIZE

- 7.1. Introduction

7.2. Small & Medium Enterprise

7.3. Large Enterprise

8. NEXT-GENERATION FIREWALL MARKET BY END-USER

8.1. Introduction

8.2. BFSI

8.3. IT & Telecommunication

8.4. Government & Defense

8.5. Healthcare

8.6. Retail & E-Commerce

8.7. Others

9. NEXT-GENERATION FIREWALL MARKET BY GEOGRAPHY

9.1. Introduction

9.2. North America

9.2.1. USA

9.2.2. Canada

9.2.3. Mexico

9.3. South America

9.3.1. Brazil

9.3.2. Argentina

9.3.3. Others

9.4. Europe

9.4.1. Germany

9.4.2. France

9.4.3. United Kingdom

9.4.4. Spain

9.4.5. Others

9.5. Middle East and Africa

9.5.1. Saudi Arabia

9.5.2. UAE

9.5.3. Others

9.6. Asia Pacific

9.6.1. China

9.6.2. India

9.6.3. Japan

9.6.4. South Korea

- 9.6.5. Indonesia
- 9.6.6. Thailand
- 9.6.7. Others

10. COMPETITIVE ENVIRONMENT AND ANALYSIS

- 10.1. Major Players and Strategy Analysis
- 10.2. Market Share Analysis
- 10.3. Mergers, Acquisitions, Agreements, and Collaborations
- 10.4. Competitive Dashboard

11. COMPANY PROFILES

- 11.1. Cisco Systems Inc.
- 11.2. Palo Alto Networks Inc.
- 11.3. Fortinet, Inc.
- 11.4. Sophos Ltd.
- 11.5. Forcepoint (Francisco Partners)
- 11.6. Hewlett Packard Enterprise
- 11.7. SANGFOR TECHNOLOGIES
- 11.8. Check Point Software Technologies Ltd.
- 11.9. Huawei Technologies Co., Ltd.
- 11.10. Dell Inc.
- 11.11. Barracuda Networks, Inc.

12. APPENDIX

- 12.1. Currency
- 12.2. Assumptions
- 12.3. Base and Forecast Years Timeline
- 12.4. Key Benefits for the Stakeholders
- 12.5. Research Methodology
- 12.6. Abbreviations

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