

Hypersonic Weapons Market Size & Share Analysis - Growth Trends and Forecast (2025 - 2030)

> ****Industry:**** Missiles, Defense Systems & Radars (Aerospace & Defense)
> ****Source:**** https://www.mordorintelligence.com/industry-reports/hypersonic-weapons-market
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 8.24 billion
Projected Forecast (2031)	USD 8.24 billion
Growth Rate (CAGR)	12.40 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

! [Major players in Hypersonic Weapons industry] (images/chart_2.png)

! [Hypersonic Weapons Market Summary] (images/chart_3.png)

! [Hypersonic Weapons Market: Market Share by Product Type] (images/chart_4.png)

! [Hypersonic Weapons Market: Market Share by Range] (images/chart_5.png)

! [Hypersonic Weapons Market CAGR (%), Growth Rate by Region] (images/chart_6.png)

! [Hypersonic Weapons Market Concentration] (images/chart_7.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market OverviewStudy Period | 2019 - 2030 |
Market Size (2025) | USD 8.24 Billion |
Market Size (2030) | USD 14.78 Billion |
Growth Rate (2025 - 2030) | 12.40 % |
Fastest Growing Market | Asia Pacific |
Largest Market | North America |
Market Concentration | Medium |
Major Players*Disclaimer: Major Players sorted in no particular order

Market Overview

Hypersonic Weapons Market Analysis by Mordor Intelligence The hypersonic weapons market size stands at USD 8.24 billion in 2025 and is forecasted to reach USD 14.78 billion by 2030, advancing at a 12.4% CAGR. This trajectory is powered by rising great-power rivalries, accelerating materials science breakthroughs, and mounting defense budgets that elevate hypersonic capabilities from experimental status to core strike assets. The US Department of Defense alone earmarked USD 6.9 billion for hypersonic systems in its FY 2025 request, a 47% jump on FY 2023 allocations. Parallel investments in Europe and the Indo-Pacific sustain a procurement race that now spans offensive missiles, glide vehicles, interceptors, and reusable testbeds. Rapid technology spillovers from the commercial space sector compress development cycles, while the scramble to update air- and missile-defense networks creates a second demand front for counter-hypersonic solutions. Together, these forces lock in a double-digit growth outlook for the hypersonic weapons market across the current decade.

Key Report Takeaways* By product type, hypersonic missiles held 64.25% revenue share in 2024; hypersonic glide vehicles are projected to expand at a 14.21% CAGR through 2030.

* By launch platform, ground-based systems retained 42.76% of the hypersonic weapons market share in 2024, while air-launched solutions are pacing the field with a 13.75% CAGR to 2030.

* By speed class, the Mach 5 to 6 band captured 37.87% share of the hypersonic weapons market size in 2024; systems exceeding Mach 8 are forecasted to surge at a 15.67% CAGR.

* By range, medium range retained 32.42% of the hypersonic weapons market share in 2024, while intercontinental is pacing the field with a 15.01% CAGR to 2030.

* By subsystem, the propulsion system captured 30.01% share of the hypersonic weapons market size in 2024; boost glides are forecasted to surge at a 15.67% CAGR

* By geography, North America contributed 36.55% of 2024 global revenue; Asia-Pacific is the fastest-growing region with a 14.47% CAGR through 2030.

Key Market Trends

Market Trends and Insights Drivers Impact Analysis of Hypersonic Weapons Market* Driver | (~) % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |

Escalating geopolitical tensions fueling hypersonic weapons development | +2.8% | United States, China, Russia | Medium term (2–4 years) |
Increased defense allocations for next-generation strike systems | +2.1% | North America, Europe | Short term (≤ 2 years) |
Rising obsolescence of conventional missile defense architectures | +1.7% | NATO and allies | Long term (≥ 4 years) |
Advancements in high-temperature materials for scramjet propulsion | +1.4% | United States, China, Europe | Medium term (2–4 years) |
Miniaturization of guidance systems enhancing in-flight maneuverability | +1.2% | Semiconductor-intensive economies | Short term (≤ 2 years) |
Cost reduction through technology transfers from commercial space sector | +0.9% | United States, Europe, select APAC hubs | Long term (≥ 4 years) |
Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

Lockheed Martin Corporation, RTX Corporation, and Northrop Grumman Corporation dominate prime contracts, applying long-cycle design-development frameworks honed

on ballistic-missile and space-launch programs. Their strengths lie in systems integration, secure supply chains, and cleared workforces capable of meeting classified mission requirements. Recent award data confirms this positioning, with Lockheed securing USD 1 billion in hypersonic program wins during 2025 and Northrop advancing a classified scramjet demonstrator for the US Navy.

Mid-tier specialists such as Kratos Defense & Security Solutions, Inc. gain share by supplying test beds and low-cost attritable vehicles; the firm's USD 1.45 billion MACH-TB award funds a production line dedicated to rapid-iteration prototypes.[4]Michael Tyrrell, "Kratos Awarded \$1.45 Billion for Hypersonic Test Bed," AeroMagazine, aero-mag.com European champions MBDA and Kongsberg couple national funding with export-oriented architectures to position for NATO commonality requirements, while Asian state-owned enterprises leverage sovereign budgets to accelerate full-stack vertical integration.

Competitive differentiation now hinges on materials IP, high-rate additive manufacturing, and digital-engineering tools that shrink design-to-flight intervals. However, commercial-space entrants promise disruptive cost curves, stringent military-qualification thresholds filter defense primes or joint ventures with mature quality-assurance processes.

Hypersonic Weapons Industry Leaders* Lockheed Martin Corporation

* RTX Corporation

* Northrop Grumman Corporation

* The Boeing Company

* China Aerospace Science and Technology Corporation (CASC)

* *Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global Hypersonic Weapons Market Report ScopeSegmentation OverviewBy Product TypeHypersonic Missiles | Hypersonic Guide Vehicles |

Segmentation Accordion Item

By GeographyNorth America | United States |

| Canada |

| Mexico |

Europe | United Kingdom |

| France |

| Germany |

| Italy |

| Russia |

| Rest of Europe |

Asia-Pacific | China |

| India |

| Japan |

| South Korea |

| Australia |

| Rest of Asia-Pacific |

South America | Brazil |

| Rest of South America |

| |

Middle East and Africa | Middle East | Saudi Arabia |

| | United Arab Emirates |

		Rest of Middle East	
		Africa South Africa	
		Rest of Africa	

Frequently Asked Questions

What is the current global value of the hypersonic weapons sector?

The hypersonic weapons market size is estimated at USD 8.24 billion in 2025.

How fast is revenue expected to grow through 2030?

Market revenue is projected to rise at a 12.4% CAGR, reaching USD 14.78 billion by 2030.

Which region generates the highest sales?

North America leads with 36.55% of global 2024 revenue due to concentrated US funding.

Which region is expanding the fastest?

Asia-Pacific shows the strongest momentum with a forecast 14.47% CAGR through 2030.

Which product category dominates current demand?

Hypersonic missiles account for 64.25% of 2024 revenue, reflecting deployment readiness.

What speed class is projected to see the most growth?

Systems flying above Mach 8 are set to grow at roughly 15.67% CAGR as militaries seek near-uninterceptable velocity envelopes.