

Aerospace & Defense PCB Industry Report: Competitive Landscape and Future Prospects

*The Business Research Company's
Aerospace & Defense PCB Global Market
Report 2026 – Market Size, Trends, And
Forecast 2026-2035*

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/EINPresswire.com/ -- The aerospace
and defense printed circuit board (PCB)

sector is experiencing consistent growth, driven by advancements in both commercial and military technologies. As the demand for sophisticated aerospace electronics rises, this market continues to expand steadily, reflecting its critical role in modern defense and aviation systems. Let's explore the current market size, key growth factors, regional dynamics, and emerging trends shaping this specialized industry.

Market Size and Projected Growth of the [Aerospace & Defense PCB Market](#)

The aerospace & defense PCB market has demonstrated steady progress in recent years. It is projected to increase from \$1.36 billion in 2025 to \$1.4 billion in 2026, representing a compound annual growth rate (CAGR) of 3.0%. This growth during the historical period has been fueled by the expansion of traditional aerospace electronics manufacturing, a rising need for ruggedized PCB materials, early adoption in military communication systems, as well as advancements in radar and navigation electronics and multilayer PCB architectures.

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Looking ahead, the market is expected to maintain steady momentum, reaching \$1.59 billion by 2030 with a CAGR of 3.2%. Factors contributing to this forecast include the increasing production of next-generation aircraft, growing demand for lightweight and high-density PCBs, expansion in space electronics manufacturing, and the rise of unmanned aerial vehicle (UAV) platforms. Additionally, the adoption of advanced avionics and mission systems will further propel market growth. Notable trends in this period involve the integration of cybersecure, high-reliability PCB designs, the growth of advanced aerospace manufacturing technologies, development of

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autonomous flight control electronics, AI-enhanced mission-critical circuitry, and IoT-connected avionics systems.

Understanding Aerospace & Defense PCBs and Their Applications

Aerospace and defense PCBs are specialized circuit boards built to fulfill the stringent standards and requirements of aerospace and defense industries. These PCBs play pivotal roles in systems such as flight control, communication, and navigation, ensuring reliability and performance in demanding operational environments. Their design emphasizes durability and precision, critical for mission-critical applications in aircraft and defense platforms.

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Key Drivers Boosting Growth in the Aerospace & Defense PCB Market

One of the primary catalysts fueling the aerospace and defense PCB market is the surging demand for commercial and military unmanned aerial vehicles (UAVs). Military UAVs, often referred to as drones, are remotely piloted or autonomously operated aircraft used for various defense missions. PCBs form the backbone of these UAVs, enabling sophisticated functions while withstanding harsh operational conditions.

For instance, in December 2022, Skykam Technical Inspections, a UK drone solutions provider, reported the global drone market valued at \$43 billion in 2022, with personal drones making up 94% of unit sales. According to the Federal Aviation Administration, the US alone had 855,860 registered drones in 2023. This surge in demand for both commercial and military UAVs significantly supports the growth of the aerospace and defense PCB market.

Regional Outlook and Fastest Growing Markets in Aerospace & Defense PCBs

In 2025, North America held the largest share of the aerospace & defense PCB market due to its well-established aerospace industry and defense infrastructure. However, the Asia-Pacific region is expected to emerge as the fastest-growing market during the forecast period. The comprehensive market report covers key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a detailed view of global market dynamics.

What's new in our 2026 market reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel dashboards
- Market hotspots infographics
- Key technologies and future trends
- Updated graphics and tables

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