

# Global Wired Interface Market Size Study & Forecast, by Component Type (USB (USB TYPE C, and Other USB TYPE), HDMI, Thunderbolt, and DisplayPort) and Device, and Regional Forecasts 2025–2035

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## Abstracts

The Global Wired Interface Market is valued at approximately USD 9.6 billion in 2024 and is anticipated to grow at a CAGR of 6.20% during the forecast period 2025–2035. Wired interfaces represent the backbone of modern electronic connectivity, bridging devices, displays, and data systems through high-speed transmission channels. Despite the surge of wireless technologies, wired connections remain indispensable due to their superior reliability, data integrity, and minimal latency. As consumer electronics, automotive systems, and industrial automation ecosystems increasingly demand faster and more stable data transfer solutions, wired interfaces such as USB, HDMI, Thunderbolt, and DisplayPort are being continuously redefined with higher bandwidth, energy efficiency, and compact designs. This technological evolution, coupled with the proliferation of high-definition content, gaming consoles, and AR/VR systems, is creating a fertile environment for sustained market expansion.

The relentless wave of digital transformation across industries is reshaping how wired interfaces are perceived — not as legacy connectors, but as enablers of next-generation performance. The proliferation of smart devices and the convergence of computing and entertainment systems have pushed manufacturers to innovate with hybrid interfaces capable of powering, transmitting data, and carrying video signals simultaneously. For instance, USB Type-C has emerged as a universal standard across smartphones, laptops, and industrial devices, enabling rapid data transfer and charging through a single port. Additionally, Thunderbolt technology, with its high-speed bidirectional capabilities, is increasingly becoming a cornerstone for creative professionals and data-heavy environments. However, while the rise of wireless standards introduces an

element of competition, the need for secure, high-speed, and interference-free communication ensures wired interfaces retain a critical role across multiple verticals.

**The detailed segments and sub-segments included in the report are:**

By Component Type:

USB

USB Type-C

Other USB Types

HDMI

Thunderbolt

DisplayPort

By Device:

Consumer Electronics

Automotive Systems

Industrial Equipment

Telecommunication Devices

Computing Devices

By Region:

North America

U.S.

Canada

## Europe

UK

Germany

France

Spain

Italy

ROE

## Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

## Latin America

Brazil

Mexico

## Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## USB Type-C Segment Expected to Dominate the Market

Among the various components, the USB Type-C segment is expected to dominate the market, capturing a substantial share throughout the forecast period. The widespread adoption of USB Type-C across smartphones, tablets, laptops, and peripheral devices stems from its ability to deliver high data transfer speeds, power delivery, and video transmission capabilities within a reversible, compact connector design. The move toward universal charging standards, encouraged by government regulations and environmental initiatives, is accelerating the transition to USB Type-C as a global standard. This segment's growth is also reinforced by its compatibility across multiple platforms, reducing electronic waste and improving user convenience, while offering manufacturers flexibility in product design and functionality.

## HDMI Segment Leads in Revenue Contribution

HDMI currently leads the wired interface market in terms of revenue contribution, primarily due to its entrenched position in consumer electronics and entertainment ecosystems. The ever-growing demand for high-resolution content, such as 4K, 8K, and HDR video formats, continues to drive the integration of advanced HDMI standards across TVs, gaming consoles, and streaming devices. As home entertainment systems evolve into smart, interconnected ecosystems, HDMI remains the preferred choice for seamless multimedia transmission. Moreover, the emergence of HDMI 2.1 and its capacity to support higher frame rates and dynamic HDR is expected to sustain the segment's revenue dominance, particularly in premium consumer and professional display applications.

The key regions considered for the Global Wired Interface Market study include North America, Europe, Asia Pacific, Latin America, and the Middle East & Africa. North

America currently commands the largest market share, owing to its advanced consumer electronics industry, robust R&D infrastructure, and widespread integration of cutting-edge connectivity technologies in both consumer and enterprise sectors. The region's dominance is also reinforced by the presence of leading semiconductor and device manufacturers focusing on innovation and performance optimization. Europe follows closely, with strong adoption across the automotive and industrial automation sectors, where reliability and safety compliance drive the continued use of wired interfaces. Meanwhile, Asia Pacific is projected to exhibit the fastest growth rate through 2035, fueled by rapid industrialization, expanding manufacturing bases in China, Japan, and South Korea, and the explosive demand for connected devices and smart appliances. Latin America and the Middle East & Africa are anticipated to witness steady growth as infrastructure development and digital transformation initiatives gain momentum.

Major market players included in this report are:

Intel Corporation

Texas Instruments Incorporated

STMicroelectronics N.V.

Analog Devices Inc.

NXP Semiconductors N.V.

Renesas Electronics Corporation

Cypress Semiconductor (Infineon Technologies AG)

Microchip Technology Inc.

Broadcom Inc.

Molex LLC

TE Connectivity Ltd.

Samsung Electronics Co., Ltd.

Sony Group Corporation

Panasonic Corporation

DisplayLink (Synaptics Incorporated)

#### Global Wired Interface Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast Period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

#### Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand side and supply side analysis of the market.

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