

# Xilinx Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## Abstracts

Xilinx Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Xilinx Inc. and its competitors. This provides our Clients with a clear understanding of Xilinx Inc. position in the [Semiconductor](#) Industry.

The report contains detailed information about Xilinx Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Xilinx Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Xilinx Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-term solvency. This sort of company's information will assist and strengthen your

company's decision-making processes.

In the part that describes Xilinx Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Xilinx Inc. business.

## **About Xilinx Inc.**

Xilinx, Inc. engages in the design, development, and marketing of programmable logic solutions.

The company's solutions have various components, including integrated circuits (ICs) in the form of programmable logic devices (PLDs); software design tools to program the PLDs; targeted reference designs; printed circuit boards; and intellectual property (IP) cores. In addition to its programmable platforms, it provides design services, customer training, field engineering, and technical support.

The company's PLDs include field programmable gate arrays (FPGAs) and complex programmable logic devices (CPLDs) that its customers program to perform desired logic functions.

### **Silicon Product**

#### **Product Families**

**Virtex FPGAs:** The Virtex-6 FPGA family consists of 13 devices and is the 6 generation in the Virtex series of FPGAs. Virtex-6 FPGAs are fabricated on a 40-nm process technology. There are 3 Virtex-6 families, and each is optimized to deliver different

feature mixes to address various markets, including Virtex-6 LXT FPGAs — optimized for applications that require logic, DSP, and serial connectivity with low-power 6.6G serial transceivers; Virtex-6 SXT FPGAs — optimized for applications that require DSP and serial connectivity with low-power 6.6G serial transceivers; and Virtex-6 HXT FPGAs — optimized for communications applications that require the highest-speed serial connectivity with up to 11.2G serial transceivers.

The Virtex-5 FPGA family consists of 26 devices in 5 product families, including Virtex-5 LX FPGAs for logic-intensive designs, Virtex-5 LXT FPGAs for logic with serial connectivity, Virtex-5 SXT FPGAs for DSP with serial connectivity, Virtex-5 FXT FPGAs for embedded processing with serial connectivity and Virtex-5 TXT FPGAs for high-bandwidth serial connectivity.

**Spartan FPGAs:** The 6 generation in the Spartan FPGA series, the Spartan-6 FPGA family, is fabricated on a low-power 45-nm process technology. The Spartan-6 family consists of 11 devices in 2 product families, such as Spartan-6 LX FPGAs and Spartan-6 LXT FPGAs.

**Spartan-3 FPGAs** are 90-nm FPGAs and include the original Spartan-3 family, the Spartan-3E family and the Spartan-3A family.

**CPLDs:** CPLDs operate on the lowest end of the programmable logic density spectrum. CPLDs are single-chip, nonvolatile solutions characterized by instant-on and universal interconnect.

**EasyPath FPGAs:** EasyPath FPGAs offer customers a method of cost-reducing FPGA designs. EasyPath FPGAs use the same production masks and fabrication process as standard FPGAs and are tested to a specific customer application to improve yield and lower costs. As a result, EasyPath FPGAs provide customers with cost reduction when compared to the standard FPGA devices without the conversion risk, conversion engineering effort or the additional time required to move to an ASIC.

## Design Platforms and Services

### Programmable Platforms

The Base Platform is the delivery vehicle for all new silicon offerings used to develop and run customer-specific software applications and hardware designs. Released at launch, the Base Platform consists of FPGA silicon; ISE (Integrated Software Environment)

Design Suite design environment; integration support of optional third-party synthesis, simulation, and signal integrity tools; reference designs; development boards and IP cores.

The Domain-Specific Platform targets one of the three primary Xilinx FPGA user profiles, such as embedded processing developer; the DSP developer; or the logic/connectivity developer. It accomplishes this by augmenting the Base Platform with a targeted set of integrated technologies, including design methodologies and tools; domain-specific IP, including embedded, DSP and connectivity; domain-specific development hardware and reference designs; and operating systems and software.

The Market-Specific Platform enables software or hardware developers to build and run their specific application or solution. Built for specific markets, such as automotive, consumer, aerospace and defense, communications, audio, video and broadcast, industrial, or scientific and medical, the Market-Specific Platform integrates bo

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.  
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## ANALYSIS FEATURES

### SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

### Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

### PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

### Key Factors Examined by PESTEL Analysis:

**Political** – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

**Economic** – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

**Sociological** – What cultural and societal aspects will work upon the demand for the business's products and operations?

**Technological** – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

**Environmental** – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

**Legal** – What laws and legislation will exert influence on the style the business is carried out?

### **IFE, EFE, IE Matrices**

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

### **Porter Five Forces Analysis**

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

### **VRIO Analysis**

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

## Reputation

### Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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