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High Performance Computing (HPC) Market Forecasts and Opportunities, 2021- Trends, Outlook and Implications across COVID Recovery Cases to 2028

https://marketpublishers.com/r/H5F6D8C419B2EN.html
Date: May 2021
Pages: 110
Price: US$ 4,880.00 (Single User License)
ID: H5F6D8C419B2EN

Abstracts

High Performance Computing (HPC) Companies are revising their long-term strategies to emerge stronger in the post-COVID pandemic scenario. After facing series of challenges such as supply chain disruption, demand fluctuations, other pressing concerns during 2020, companies are revising their strategies through modifying the composition of product portfolios, investing in capital expenditures, R&D strategies, mergers and acquisitions, and other growth strategies.

The report analyzes multiple recovery scenarios considering evolving High Performance Computing (HPC) market demand, economic recovery conditions, and other global and regional changes. The impact of the COVID-19 crisis on long-term High Performance Computing (HPC) markets, growth outlook across types and application segments, strategies for emerging from the crisis are detailed in the report. The global semiconductors and electronics industry witnessed diverse trends over the past two years with manufacturing and other heavy industries facing operational challenges due to restricted cash flow during the pandemic. On the other hand, data center services, cloud computing, and other online supporting sectors gained significantly from the market trends. End-user spending of High Performance Computing (HPC) market is expected to rebound significantly over the near term future.

Key Strategies set to impact the global High Performance Computing (HPC) companies beyond 2021

To emerge strongly from the COVID-19 crisis, High Performance Computing (HPC) companies are likely to develop effective crisis-management strategies including emphasis on next-generation products, and solutions, Modestly reducing High

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Performance Computing (HPC) R&D budgets, Constant monitoring on High Performance Computing (HPC) market trends, Systematic approaches to investment/divestment, Carefully launching marketing strategies, Strengthening long term contracts, Others

The global semiconductors, electronics, information, communication, and technology industry witnessed diverse trends over the past two years with manufacturing and other heavy industries facing operational challenges. On the other hand, data center services, cloud computing, and other online supporting sectors gained significantly from the market trends.

Report Description

Introduction to High Performance Computing (HPC) market research, 2021

The global High Performance Computing (HPC) market report presents comprehensive coverage of High Performance Computing (HPC) market trends, drivers, opportunities, and presents unique market opportunities for companies operating and expanding in the High Performance Computing (HPC) industry. It is a focused research study on High Performance Computing (HPC) markets and presents the outlook for global and regional markets over the eight years to 2028.

The strategic analytical multi-client study presents unbiased and actionable insights into the global High Performance Computing (HPC) markets. Compiled with transparent methodology, the High Performance Computing (HPC) market report enables clients to gain a clear understanding of the High Performance Computing (HPC) market trends and insights.

Post COVID-19 Recovery Scenarios

Both recovery scenarios suggest year-on-year revenue growth in the High Performance Computing (HPC) market during 2021. Most end-user markets continue to recover, mostly due to the demand in 2020 was lower than in previous years. Beyond 2021, High Performance Computing (HPC) companies will have to formulate long-term plans, evaluate potential scenarios, and re-orient both strategies and operations to emerging market trends through constant monitoring of industry shifts and geopolitical responses.

The report presents analysis and outlook across two post COVID-19 recovery scenarios along with pre-COVID cases.

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To enable companies to quickly analyze the High Performance Computing (HPC) industry landscape and to re-align their strategies to stay ahead of the competition, the report presents the below scenarios:

Reference Case: Contained health impact, rapid recovery and quick growth rebound

Severe Case: High levels of health impact, prolonged recovery and slow economic rebound

Pre COVID Case: Comparative study of different outlook cases with pre-COVID cases

Segmentation Analysis of High Performance Computing (HPC) markets

The High Performance Computing (HPC) market study analyzes short-term and long-term trends, insights, niche opportunities, across types, applications, end-user markets, and countries. Six regions including Asia Pacific, Europe, North America, Latin America, Middle East & Africa. Among countries, the report analyzes the High Performance Computing (HPC) market in the US, Canada, Mexico, Brazil, Argentina, Chile, Other Latin America, Germany, the UK, France, Spain, Italy, other Europe, China, India, Japan, South Korea, Other Asia/Oceania, Saudi Arabia, the UAE, South Africa, Other Middle East and African countries. The High Performance Computing (HPC) market size across these countries is forecast from 2020 to 2028.

Competitive Analysis of High Performance Computing (HPC) markets

Leading companies are focusing on tactical and strategic product portfolio management. Key Research Antibodies companies are analyzed in the market research study. The report presents a critical competitive understanding of the company’s fundamentals, financial situation, strategy, SWOT profiles, and others.

Reasons to Purchase the High Performance Computing (HPC) market report-

Gain a reliable outlook of global and regional High Performance Computing (HPC) market forecasts from 2020 to 2028 across scenarios

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Market forecasts are based on historical datasets

Data validation through top-down and bottom-up approaches

The trends, insights, and opportunities enable you to formulate effective competitive strategies

Stay ahead of competitors through company profiles and market data

Plan your R&D budgets and cash flows based on overall industry growth

Further,

Data can be provided in PDF, excel spreadsheet format, and PowerPoint formats

Print authentication provided for the single-user license

Authored by well-experienced analysts, supported by sophisticated analytical tools and sound research methodology

Consulting support provided for buyers of the site and global licenses

Scope and Coverage of the Report-

Chapter 1 details the executive summary of the report including industry panorama for 2021

Chapter 2 presents High Performance Computing (HPC) market trends, insights, challenges, niche opportunities across the industry

Chapter 3 details multiple COVID recovery scenarios for High Performance Computing (HPC) industry outlook

Chapter 4 analyzes and forecasts the leading market types, applications, and countries

Chapter 5 presents North America High Performance Computing (HPC) Market analysis and outlook to 2028 (Countries: US, Canada, Mexico)

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Chapter 6 presents Europe High Performance Computing (HPC) Market Analysis and Outlook to 2028 (Countries: Germany, UK, France, Spain, Italy, Others)

Chapter 7 presents Asia Pacific High Performance Computing (HPC) Market Analysis and Outlook to 2028 (Countries: China, Japan, India, South Korea, Others)

Chapter 8 presents Latin America High Performance Computing (HPC) Market Analysis and Outlook to 2028 (Countries: Brazil, Argentina, Chile, Others)

Chapter 9 presents the Middle East and Africa High Performance Computing (HPC) Market Analysis and Outlook to 2028 (Countries: Saudi Arabia, UAE, Middle East, South Africa, and Other Africa)

Chapter 10 details the company profiles, their SWOT profiles, business analysis, financials, and other developments

Chapter 11 analyzes the latest news and deals

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Global Economic Outlook of Select Countries, 2010- 2030
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