Data Center Compute

Global in-depth coverage of data center compute equipment used by enterprises, cloud, and telecom providers

DELIVERABLES

– **Market trackers (4)** Worldwide and regional market size and share information; historic and forecasted through 2023

– **Surveys (2)** – In-depth interviews with technology buyers about their purchasing plans, drivers, challenges, etc.

– **Market insights (~12)** Analyst commentary on market shifts, technology and regional developments, vendors, events, and more

– **Briefings** – Quarterly scheduled briefings with analysts on research highlights from all aspects of the market

– **Analyst access** – For prompt responses to urgent and unique questions

Market trackers – Delivered in Excel and accompanied by written PDF analysis:

- **Data Center Server Equipment Market Tracker –** Worldwide and regional market size, share, forecasts, and analysis for servers by form factor, server class, market segment, CPU type, and co-processor

- **Ethernet Network Adapter Equipment Market Tracker –** Worldwide and regional market size, share, forecasts, and analysis for Ethernet network adapters by speed, CPU offload, form factor, use case, and market segment

- **Multi-Tenant Server Software Market Tracker –** Worldwide and regional market size, share, forecast, and analysis for multi-tenant server software by type (server virtualization, container software), market segment, and server attach rate

- **Data Center Compute Market Database** (data only) – Combines the data from the Data Center Server Equipment and Ethernet Network Adapter Equipment market trackers above for a total view of the market

Surveys – Delivered in PDF:

- **Data Center Compute Strategies & Leadership NA Enterprise Survey –** Provides insight into the plans and needs of businesses that operate their own data centers

- **Data Center Compute Strategies & Leadership Global Service Provider Survey –** Provides insight into cloud and telecom service provider needs for their data center networks

Research coverage

Market trackers	Measures	Coverage
Server Equipment (quarterly)	Vendor market shares Revenues Units Ports Revenue per unit	**Data center server equipment** – Form factor (rack [branded, hyper-converged infrastructure, white box], blade [shared resource, density optimized], open compute, tower) – Server class (entry level, enterprise, large-scale enterprise, large-scale compute, high-performance compute) – Market segment (service provider [hyperscale cloud, tier 2 cloud, telco], enterprise) – CPU attach (x86, ARM, PowerPC, SPARC, z, other) – Co-processor attach (GPGPU, FPGA, TPU, other)
Ethernet Network Adapter Equipment (quarterly)	Vendor market shares Revenues Ports Revenue per port	**Ethernet network adapters** – Speed (1GE, 10GE, 25GE, 40GE, 50GE, 100GE, 200GE) – CPU offload (basic, offload, programmable NIC) – Form factor (stand up, piggyback) – Use case (storage, server) – Market segment (service provider [cloud, telco], enterprise)
Multi-Tenant Server Software (quarterly)	Vendor market shares Revenues Units Revenue per unit	**Multi-tenant server software** – Support type (commercial, self-managed open source, self-managed proprietary) – Software type (server virtualization software, container software) – Market segment (service provider [cloud, telco], enterprise) – Multi-tenant server software by server type (multi-tenant servers [commercial, open source], single tenant servers)
Data Center Compute Market Database (Data Only) (quarterly)	Vendor market shares Revenues Ports Units Revenue per unit	All equipment in the *Data Center Server Equipment* and *Ethernet Network Adapter Equipment* market trackers, combined, for a total view of the market

Other deliverables	Details
Data Center Compute Strategies & Leadership NA Enterprise Survey (annual)	Interviews with at least 150 North American enterprises about data center compute trends, demographics, deployment drivers, technologies, investment plans, end-user ratings of equipment vendors, and more—now and 2 years out
Data Center Compute Strategies & Leadership Global Service Provider Survey (annual)	Interviews with at least 20 knowledgeable purchase-decision makers at operators worldwide about how cloud and telecom service provider data center networks are evolving. The study explores data center drivers, technologies, spending plans, operator ratings of equipment vendors, and more—now and 2 years out

Research coverage (continued)

Regions	Sample companies (see abstracts for full lists)		
Worldwide North America (US and Canada) Europe, the Middle East, Africa Caribbean and Latin America (including Mexico) Asia Pacific (including Japan and Australia) **Sub regions** Mainland China and Rest of Asia Pacific	Dell HPE Whitebox (QCT, WiWynn, etc.) IBM Inspur Huawei Lenovo Cisco Super Micro Nuatnix	Intel Broadcom Mellanox Marvell Silicom Amazon Microsoft VMware RedHat Canonical Docker	Rancher Labs Nutanix

Related research
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