

Data Center Networks Intelligence Service

Part of the Cloud & Data Center Service Area Package

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

“Switch silicon options continue to flourish with hyperscale cloud service providers even developing their own custom switch silicon.”

Manoj Sukumaran
Principal Analyst

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KEY QUESTIONS ADDRESSED

- What are the size, share, and growth expectations for the data center Ethernet switch market?
- How are data center networks evolving with edge computing?
- What are the data center switch silicon attach rates for data-forwarding plane processors?

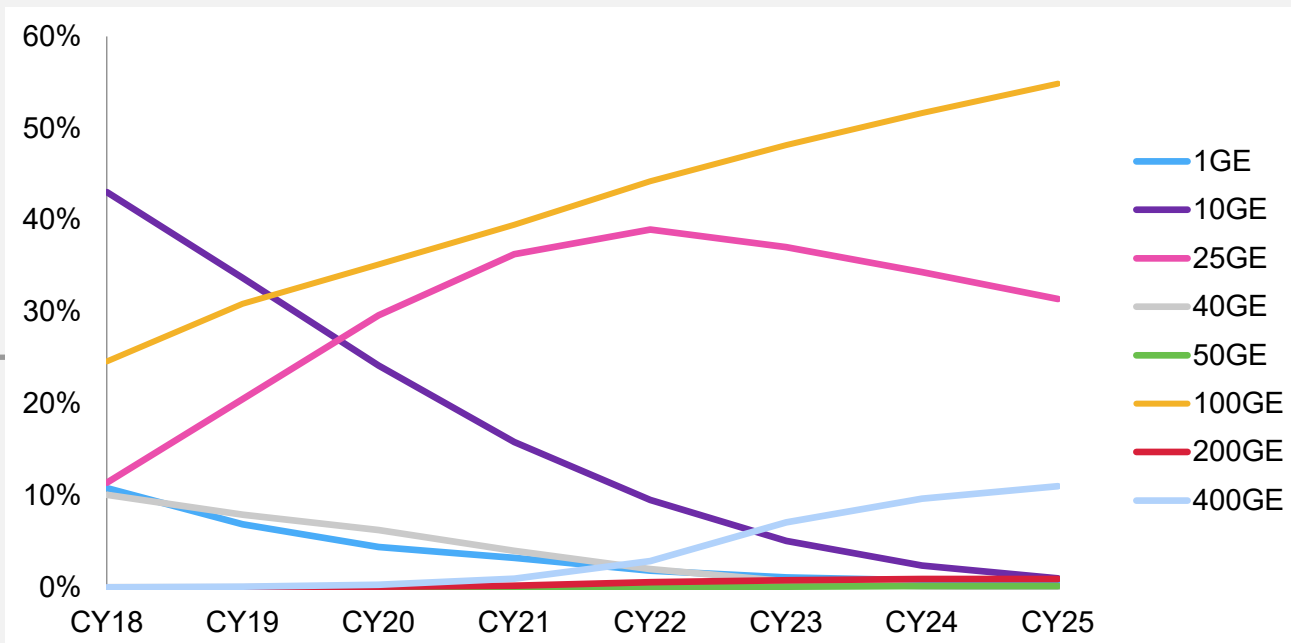
HOW OMDIA HELPS YOU

- Understand DC Ethernet switch shipment and revenue growth
- Recognize DC switch port speed transitions
- Follow transitions to bare metal switches for open networking
- Provide quantification of DC Ethernet switch market transitions from enterprise to telco and cloud service providers
- Identify DC Ethernet switch location deployment shifts
- Follow the adoption of programmable data center switches
- Predict market disruption and understand trends like hyperscale cloud service providers investing in switch IC development

NEW ENHANCEMENTS

- A comprehensive database of switches that are shipping in the market today with key configuration details
- New trends to watch report analyzing key disruptive technologies and events

Data center switch ports forecast by speed



Data Center Networks: Our Expert Analysts


Vlad Galabov
Research Director

- Open computing
- Hyperscale cloud service providers
- Semiconductor development




Roy Illsley
Chief Analyst

- IT operations
- Application delivery
- Disruptive software technologies




Moises Levy
Principal Analyst

- Power and cooling
- Energy efficiency
- Data center sustainability




Alan Howard
Principal Analyst

- Colocation services
- Data center investment
- Location & construction strategies




Manoj Sukumaran
Principal Analyst

- Compute systems
- Data center networks
- Disruptive hardware technologies




Dennis Hahn
Principal Analyst

- Storage systems
- Data management
- Software-defined storage




Vijendra Krishnamurthy
Senior Analyst

- Data center racks
- Rack power distribution
- Micro data centers




Dominika Koncewicz
Senior Analyst

- SD-WAN platforms
- SASE & SD-WANaaS
- network service consolidation




Nicole Tuggle
Research Analyst

- rPDU vendor share
- UPS hardware & service vendor share




Keith Kirkpatrick
Principal Analyst

- Quantum computing
- High performance computing




Currently Recruiting
Principal Analyst

- Kubernetes
- Cloud native software development



Currently Recruiting
Senior Analyst

- Cloud services
- Data center buildout



Data Center Networks: Deliverables



MARKET TRACKERS

—Quarterly—

- Data Center Switch Market Tracker



SURVEYS & REPORTS

—Annual—

- Data Center Network Strategies & Leadership
- Data Center Switch Product Database
- “Trends to Watch” Report

New



ANALYST INSIGHTS

—Ongoing—

Analyst commentary on market shifts, technology and regional developments, vendors, events, and more.



PRESENTATIONS

—Quarterly—

Quarterly scheduled briefings with analysts on research highlights from all aspects of the market.



ANALYST ACCESS

—Ongoing—

For prompt responses to urgent and unique questions.

Data Center Networks: Reports

Data Center Switch Market Tracker

Worldwide and regional market size, share, forecasts, and analysis for data center Ethernet switches.

DETAILS

Frequency: Quarterly

Measures

- Vendor market shares
- Revenues
- Ports
- Units
- Revenue per port
- Revenue per unit

Regions

- Worldwide
- North America (US, Canada)
- Europe, the Middle East, Africa
- Asia Pacific (including Japan and Australia)
- Caribbean and Latin America (including Mexico)

COVERAGE

Data center Ethernet switches

- Type (aggregated, bare metal [OCP, non-OCP])
- Market segment (service provider [cloud, telco], enterprise)
- Deployment locations (edge, non-edge)
- Data plane forwarding silicon attach

Software-defined enterprise WAN

(SD-WAN appliances, control and management software)

Data Center Switch Product Database

Provides a categorised list of SKUs segmented by switch vendor, speed, data-forwarding plane processors, etc.

DETAILS

Frequency: Annual

COVERAGE

All of the top switch vendors identified in the market share analysis of the Data Center Switch Market Tracker will be covered.

Data Center Networks: Reports

Data Center Network Strategies & Leadership

Provides insight into the DC networks plans and needs of businesses

Frequency: Annual

Interviews with at least 150 purchase-decision makers at enterprises at least two major countries. Survey explores investment drivers, barriers, purchasing strategies of enterprises deploying data center networking technology. Evaluates the evolution of enterprise DC networks.

Trends to Watch

Our experts summarize what the industry should be looking out for in the next year.

Frequency: Annual

Related Content: Cloud & Data Center Service Area



Service Area Package: **Cloud & Data Center**

Cloud & Colocation
Intelligence Service

IT Ecosystem & Operations
Intelligence Service

Data Center Compute
Intelligence Service

Data Center Rack Systems
Intelligence Service

Data Center Networks
Intelligence Service

Uninterruptible Power Supply
Intelligence Service

Data Center Storage
Intelligence Service

Data Center Thermal Mgmt
Intelligence Service

About Omdia's Cloud & Data Center Research

Omdia provides deep analysis of worldwide compute technologies – from cloud to the edge. Detailed and data-rich intelligence services cover all aspects of data center IT and physical infrastructure, cloud & colocation services, and the strategies required to manage the entire IT ecosystem.

Omdia's expert team of cloud and data center analysts provide strategic guidance, steeped in a robust foundation of data, to both vendors and technology decision makers. Omdia has consistently been 1st to market capturing market disruptions and technology transitions, helping IT decision makers and their vendors succeed in navigating these transitions. For technology decision makers, Omdia also provides guidance on vendor selection and best practices for management of IT operations.

The Cloud & Data Center team provides market analysis in the form of quarterly datasets with size, share and forecasts, end-user surveys, vendor assessments and personalized consulting.

Our “Ask an Analyst” Service Provides Best in Class Customer Support

Whether you need guidance to navigate the service, information regarding our methodologies or you want to better understand a data trend, Omdia’s support team is here to help.

Draw on our expertise

- Make the right decisions
- Sanity-check your own findings
- Get the most out of your subscription
- Understand more about our methodologies

Our Ask an Analyst service gives you direct contact via telephone, email or face-to-face session with our expert analyst team:



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ABOUT OMDIA

Omdia is a global technology research powerhouse, established following the merger of the research division of Informa Tech (Ovum, Heavy Reading, and Tractica) and the acquired Omdia technology research portfolio*. We combine the expertise of more than 400 analysts across the entire technology spectrum, covering 150 markets. We publish over 3,000 research reports annually, reaching more than 14,000 subscribers, and cover thousands of technology, media, and telecommunications companies.

Our exhaustive intelligence and deep technology expertise enable us to uncover actionable insights that help our customers connect the dots in today's constantly evolving technology environment and empower them to improve their businesses—today and tomorrow.

* The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.