

Data Center Ethernet Switch Shipments Grew 12% in the First Half of 2020, Reports Crehan Research

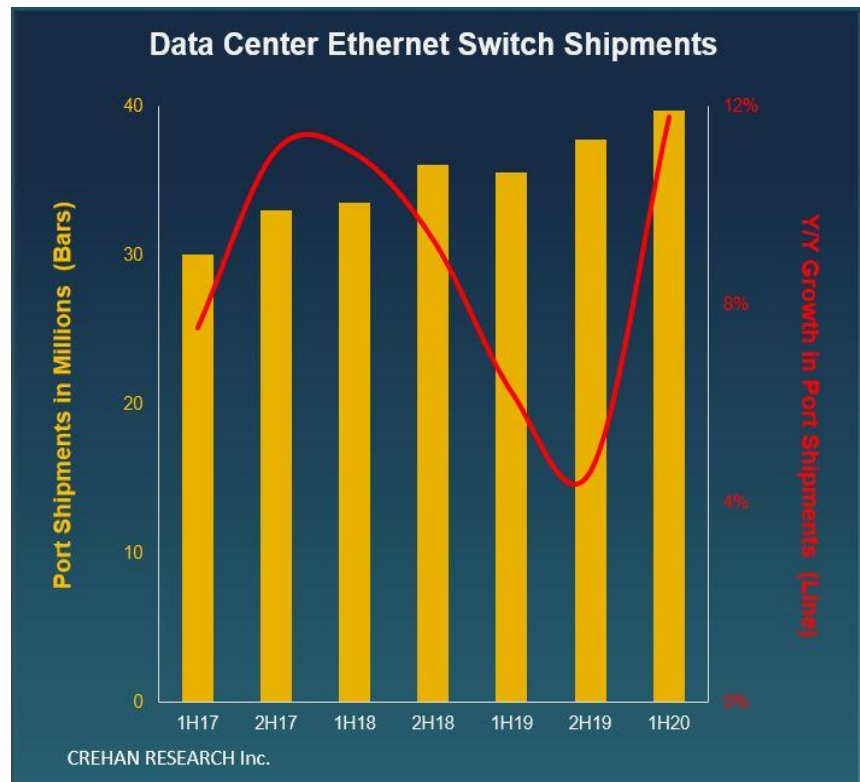
Hyperscale Cloud Service Providers and China Drove Market Growth

SAN FRANCISCO, CA, August 31, 2020 — Despite COVID-related supply and demand disruptions, customers deployed more data center Ethernet switches in the first half of 2020 than they did in the same year-ago period, according to a recent report from

[Crehan Research Inc.](#) Port shipments increased by 12% year-over-year, resulting in a new record high – see accompanying chart.

Hyperscale cloud service providers and China were significant contributors to the market's growth, according to the report. The hyperscale cloud service provider's contribution was reflected in the especially

strong growth of 100 gigabit Ethernet (GbE) and 25GbE – a preferred data center networking architecture within this customer segment. In fact, 100GbE and 25GbE combined had a 40% year-over-year increase, comprising a majority of total data center switch port shipments.



“This robust shipment growth, even in the face of COVID disruptions, is a reflection of the critical nature of data center networks in delivering needed services to businesses, homes and governments,” said Seamus Crehan, president of Crehan Research. “The data center

networking vendors have really risen to the challenge of helping their customers' keep networks up and running, despite the myriad of obstacles presented during this pandemic.”

Other noteworthy results from Crehan's data center switch report:

- Cisco accounted for the majority of data center switch shipments and saw stable year-over-year market share.
- As a result of its strong presence in the hyperscale cloud service provider segment, Arista was a key driver of the 100GbE switch growth, holding the top share position in this segment.
- In correlation with the strong growth in China, H3C and Huawei gained additional market share.
- Nvidia, through its Mellanox acquisition, saw a doubling of its data center switch shipments, on the strength of its Spectrum-based 100GbE switches.

“Back in January 2017, we forecast that [combined shipments of 100GbE and 25GbE would comprise over half of all data center Ethernet switch shipments by 2021](#),” Crehan said.

“These recent results show that the transition to higher networking speeds that underpin modern data center architectures is happening even faster than expected.”

About Crehan Research Inc.

Crehan Research Inc. produces reports with very detailed statistics and information on the data center switch and server-class adapter & LOM/controller markets. The company's reports are supported with rich insights and context to deliver increased value. For more information about Crehan Research Inc. email info@CrehanResearch.com, phone 650-273-8400, or visit www.CrehanResearch.com.

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