

Supermicro announces what it claims is the first line of commercial off the shelf (COTS) systems designed exclusively for large-scale deployment in hyperscale datacentres-- the MegaDC server series.



Introducing MegaDC Servers



Industry's First COTS Systems Designed Exclusively for Hyperscale Datacenters

MegaDC servers are purpose-built and flexible COTS designed for hyperscale infrastructure deployments. According to the company, the servers offer increased cost effectiveness and reliability through a reduced component count and optimised power distribution and backplane designs. The servers support open standards, including OpenBMC, for custom control over functionality and versioning, advanced I/O modules (AIOM) with support for OCP V3.0 SFF cards and common redundant power supplies (CRPS).

The series consists of five X11 servers, with two 1U and three 2U systems. All are available for cloud quantity deployments with sufficient economies of scales. All systems support two 2nd gen Intel Xeon Scalable processors, and offer 16 memory slots, an AIOM slot and dual 25G ethernet ports. Further features include optimised mechanical designs to maximise airflow to the CPUs, memory and GPUs, and low-resistance 12V single-source power distribution to increase system availability and energy efficiency.

"As we continue to rapidly expand our production capacity, Supermicro is now well-positioned to service hyperscale datacenters," the company's ays. "With that in mind, we have designed the

Supermicro Intros MegaDC Servers

Written by Frederick Douglas
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new MegaDC server product line exclusively for internet-scale datacentre customers. MegaDC servers are optimised to reduce deployment times and deliver optimal performance per watt and performance per dollar. We understand that large datacentres often face long lead times for upside demand as well as occasional downside challenges, and Supermicro can help alleviate these demand fluctuation concerns by maintaining healthy inventory levels for our new MegaDC servers.”

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