

Discover GIGABYTE's AI server and PC portfolio, delivering high-density performance and reliability for all AI workloads.

Explore Lenovo AI servers engineered for high-performance and scalable AI solutions. Boost your business with our top-tier AI server technologies and cutting-edge infrastructure.

Discover how Celestica's 1.6TbE DS6000/DS6001 switches and system-level AI fabric are changing hyperscale AI infrastructure. Achieve exa-scale performance, maximize GPU utilization, ...

We explore the new 1.6T ethernet protocol, and explain how both data centers and edge computing benefit from expanded data bandwidth for AI, HPC, and beyond.

Learn how NADDOD designs lossless AI inference networks using InfiniBand XDR/NDR and RoCE, 800G/1.6T optical interconnects, and 51.2T switches for stable, low-latency GPU ...

This article explores the challenges of enabling 1.6T networks for AI data centers and highlights the best practices for validating device performance at the physical layer and beyond.

These efforts are paving the way for open and interoperable 1.6 Tbps Ethernet links for chip-to-chip and electro-optical interfaces, essential for facilitating the compute aggregation required ...

Compare 800G and 1.6T transceivers for AI data centers in 2026. Learn the differences in performance, power efficiency, use cases, and deployment considerations to choose the right optical ...

Whether you're designing 1.6T Ethernet fabrics or optimizing collective communication protocols, your ability to reproduce, emulate, and benchmark workloads before deployment is now a ...

The rise of generative AI is pushing the limits of computing power and high-speed communication, posing serious challenges as it demands unprecedented workloads and resources.

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