

Comparison of High-Precision AI Servers with Imported Brands



Overview

Comprehensive 2026 analysis of enterprise AI servers from Dell, Supermicro, HPE, Lenovo, and Gigabyte. Compare HGX B200/B300 specifications, pricing (\$250K-\$550K), TCO frameworks, and support. Artificial Intelligence (AI) server manufacturers have experienced surging demand as data center operators require significantly more computing power than before the advent of ChatGPT and other Generative Artificial Intelligence (Gen AI) tools. The transition from NVIDIA Hopper (H100/H200) to Blackwell (B200/B300) architecture represents the most significant GPU platform shift in enterprise AI history, with server. Dell's AI Factory platform (e. PowerEdge XE97xx/XE9712) provides high-density rack-scale clusters (72 GPUs per rack with NVLink, ~30× LLM inference speed-up and up to 25× energy efficiency advantage over prior-gen systems ()) with both liquid- and air-cooled options. Compare financials, GPU platform support, lead times, pricing, and strategic advantages. Selecting the right one is important to match your workload requirements. Dell's AI servers focus on scalability, reliability, and high GPU density. The best AI models include: Key Specs: Best Use Case: AI/ML. If you're buying AI servers, you're choosing between OEMs (original equipment manufacturers) and ODMs (original design manufacturers). AWS, Google, Meta, Microsoft, and Oracle buy direct from ODMs like Foxconn, Quanta, and Wistron, skipping the OEM entirely. For enterprises that don't operate at.

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