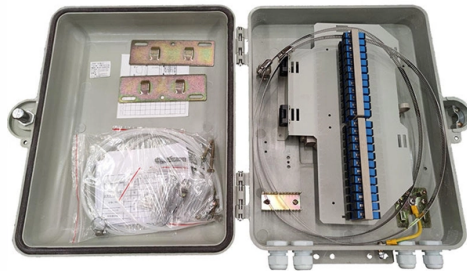


What will be the future scale of AI servers



Overview

Analysts expect the AI server market to grow at a 25–30% CAGR through 2028, driven by hyperscalers, government modernization efforts, and private cloud investments. Dell's pipeline suggests it could double its AI server revenues in FY26 if component supply constraints ease. This surge highlights the expanding role of AI in transforming the compute infrastructure, and the difference between accelerated and non-accelerated. Behind every smart AI algorithm is a powerhouse of raw computing: servers that process billions of calculations per second, data centers that consume as much power as small cities, and specialized hardware built to handle AI's relentless demands. 2 million units in 2023, boasting a remarkable 38% annual growth rate. A few years ago, AI servers were a specialized purchase. AI -optimized infrastructure as a service (IaaS) is emerging as the next disruptive growth engine for AI infrastructure. As a result, end-user spending is projected to grow 146% by the end of 2025, according to Gartner, Inc. The AI-optimized IaaS market.



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Acknowledgements “Towards a future space-based, highly scalable AI infrastructure system design” was authored by Blaise Agüera y Arcas, Travis

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