

Philippine AI Server 1G



Overview

VITRO Sta. Rosa Activates First NVIDIA-Powered GPU Servers in the. This milestone allows businesses to utilize cost-effective, high-performance computing.

Key Takeaways

AI servers in the Philippines are rapidly expanding, with high-performance GPU and AI-ready infrastructure available through hyperscale data centers and enterprise solutions. Key AI Server Deployments

VITRO Sta. Rosa (VSR) is the Philippines' first AI-ready hyperscale data center, powered by NVIDIA GPUs. It supports enterprises, hyperscalers, and AI platforms with high-performance computing capabilities, offering GPU-as-a-Service (GPUaaS) and plans to support up to 100 kW per rack. This facility positions the Philippines as a growing AI hub in the Asia-Pacific region, enabling cost-effective AI workloads and digital transformation. ASUS AI Servers are available through VST-ECS Phils., Inc., including models like the ASUS AI POD, XA, ESC RS Series, and VS320D-RS12 storage servers. These servers are designed for diverse AI workloads, from model training to inference, and feature Intel Core Ultra processors and next-generation NVIDIA graphics. Compact AI solutions like the ASUS NUC 15 Pro and NUC 14 Essential provide high-performance mini PCs for AI development and content creation. GPU Server Options in the Philippines include configurations with NVIDIA, AMD, and Intel accelerators, supporting parallel computing for AI and high-performance computing (HPC). Servers can be air- or liquid-cooled and are available in baseboard or PCIe card formats, allowing flexibility for enterprise AI deployments.

Market Trends

The Philippine AI server market is projected to grow from USD 28.7 billion in 2025 to USD 142.5 billion by 2031, at a CAGR of 30.8% . Growth is driven by the adoption of generative AI, large language models, and edge AI applications. Enterprises across healthcare, finance, retail, and manufacturing are increasingly deploying AI servers to handle complex workloads, optimize model training, and support real-time inference . Hybrid and cloud-based AI servers are becoming mainstream, offering scalability and cost efficiency.

Summary

Philippine AI servers range from compact AI NUCs for development to hyperscale GPU servers in facilities like VITRO Sta. Rosa. They are optimized for AI workloads with high-performance GPUs, TPUs, and specialized processors. The market is expanding rapidly, supported by government and private investments, and is expected to become a standard infrastructure component across enterprises, data centers, and government organizations by 2031 .

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AI Server: for AI Training, Machine Learning

The AI Training server is a specialized computing system meticulously crafted to streamline the training of AI models. As the process

Philippines Data Centers

Data Centers in Philippines with map. List of available providers and facilities in Philippines, including Colocation, Bare Metal

AI Servers with NVIDIA HGX, OAM & PCIe GPU

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Samsung Electro-Mechanics is set to increase its AI server multilayer ceramic capacitor (MLCC) production by

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ePLDT said activating and operating live GPU servers showcases Vitro Sta. Rosa's AI capabilities and enhances the

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PLDT's VITRO strengthens AI capabilities with new GPU servers

The deployment of live GPU servers enhances its GPU-as-a-Service (GPUaaS) offering, providing businesses with

PH can be next Southeast Asia hub for AI data centers,

The Philippines has a rare opportunity to become Southeast Asia's next major hub for artificial

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Industry-leading enterprise server and data center solutions, providing worldwide the IT infrastructure flexibility to power AI, 5G, HPC,

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