



Qualcomm AI Server Power Supply

Both chips can be configured as full, liquid-cooled server racks for large-scale data centers. Qualcomm also committed to updating its AI data center hardware annually.

Qualcomm may finally be ready to move beyond its mobile stronghold and take a real step into the data center market. During its recent Q3 earnings call, the company confirmed it is in ...

ited for AI server power architectures. Models such as the SiC461, SiC431, and SiC450 offer wide input voltage ranges, high current capabilities, and peak efficiencies up to 98 %, enabling optimized power ...

The AI200 is expected to ship in 2026, followed by the higher-capacity AI250 in 2027. Qualcomm emphasized power efficiency and memory density, framing the systems as inference-first ...

Qualcomm is best-known for its chips used to power smartphones. It is one of the latest entrants into the AI chipmaking arena, joining Intel and AMD, to compete with Nvidia.

Qualcomm is entering the battle for artificial-intelligence computing in the data center. On Monday, the semiconductor company introduced its AI200 and AI250 rack server lineup, offering new...

Global power semiconductor suppliers are entering a new upcycle marked by tightening supply, rising prices, and intensifying technology competition, fueled by accelerating investment in AI ...

These systems mark a significant leap in Qualcomm's push to bring scalable, power-efficient, and high-performance generative AI to global enterprises.

Learn how Qualcomm reduces data center costs with leading high-performance, low-power computing products for the AI era.

The SoC is also equipped with a sophisticated power management system, optimizing both transient and peak power consumption. The SOC also implements thermal detection and control.



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