

Embracing these advanced technologies ensures that AI servers not only deliver exceptional performance but also operate with optimal energy efficiency, paving the way for a more ...

The PSU is the power backbone of the data center, converting high-voltage AC power from the grid into the lower-voltage DC used by all of the components within the server rack. To deliver higher output ...

The rise of generative AI is transforming traditional data centers into AI factories, requiring a fundamental shift in power infrastructure to support the scale and power demands of modern AI ...

Learn how AI workloads are reshaping server architecture with accelerators, CXL memory pooling, high-speed interconnects, and advanced cooling.

Delivering the increased processing and capacity demanded by mainstream AI and machine learning (ML) applications requires new approaches to power delivery and management to ensure ...

Powering the Next Era of AI Infrastructure As AI data centers scale toward multi-megawatt clusters and rack densities approach one megawatt, traditional power architectures are straining under the load. ...

Murata's new PDN guide for AI servers explains how to improve power stability and reduce losses in next-generation data center power delivery networks.

800V HVDC architecture for AI data centers: how ST power solutions deliver 6 kW to 18 kW server power with higher efficiency and power density.

A practical guide for engineers to optimize power delivery networks for servers and high-density racks -- covering power loss reduction, advanced component selection, component placement, simulation, ...

The next-generation Vertical Power Delivery Solution, equipped with the new DC-DC Converters VR Series for voltage regulation at the GPU, CPU and ASIC levels, offers improved ...



AI Server Delivery Efficiency

Web: <https://www.prospettivacasa.eu>

