Supermicro AMD

5 REASONS TO LOVE RACK-READY SYSTEMS (ESPECIALLY FOR AI)

The demand for public and private cloud services is higher than ever, thanks to the buzz around generative AI (GenAI).

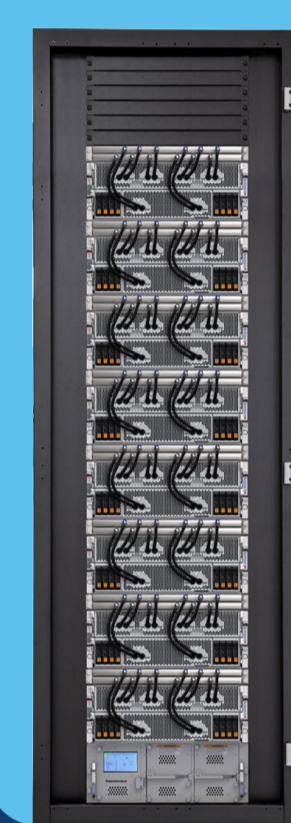## Why Rack-Ready Systems Are Perfect for AI Workloads

Ready-to-go, rack-integrated systems are built with high-performing engines for cloud services and AI. So, CSPs can scale to their heart's content — while keeping costs under control. Here are the **top 5 advantages** that really stand out.

With more than 70% of enterprises expected to use industry cloud platforms by 2027[1] — now's the time to ensure you have the right building blocks to support rapid growth.

+70%

01 BETTER POWER AND COOLING EFFICIENCY

AI workloads are computationally demanding. But rack-integrated systems have the liquid cooling and air-cooling capabilities to power your customers' AI innovations with superb energy efficiency.
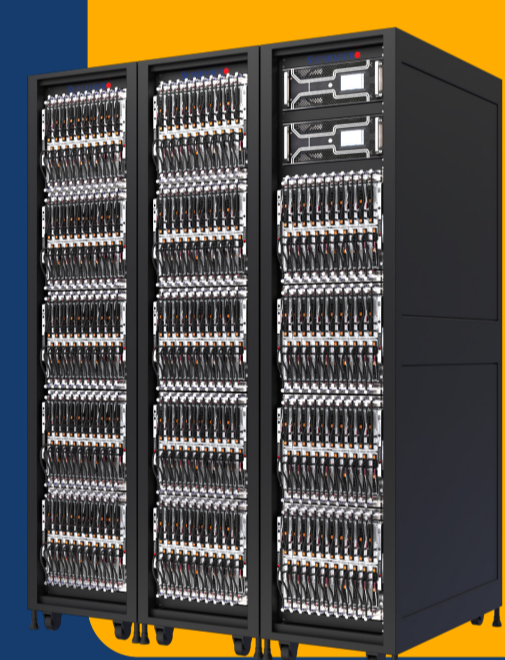
02 SPEEDY CONFIGURATION AND INSTALLATION

Systems designed to be installed by the rack can be used immediately, reducing your customers' time-to-market. From ordering to configuration, burn-in, testing, and installation onsite, the entire process takes days, not weeks.

03 SUPPORT FOR SUSTAINABILITY INITIATIVES

Full racks are custom-designed and tested to meet your specific sustainability goals. Integration experts understand how to enable efficient, cloud-ready services to be delivered worldwide.

04 SIMPLIFIED SYSTEMS FOR FASTER DEPLOYMENTS

Rack-ready systems are validated with the right servers, storage, and software for the most demanding AI workloads. Holistic solutions are ideal for rapid deployments — and adapting quickly to changing needs.

05 LOWER TOTAL COST OF OWNERSHIP

Eliminate the barriers to AI adoption. Integrated testing of rack-ready systems helps lower TCO, reducing the time and materials needed to design, build, and deploy new systems.

Supermicro's extensive line of rack-ready solutions, powered by AMD EPYC™ processors, make it fast and easy to scale up your cloud services for the AI generation.

See how your CSP business can benefit from holistic, agile, end-to-end infrastructure — pre-defined, pre-tested, and validated for your unique needs.

PUT OUR 31 YEARS OF INTEGRATION EXPERTISE TO WORK.

And let's grow your AI business together.

LEARN MORE

Supermicro is a leader in supplying rack-scale solutions to VARs, CSPs, and Enterprise, with three decades of experience in product development, manufacturing, supply chain logistics, solution testing, and service and support. For more information, see https://www.supermicro.com/en/solutions/csp?utm_source=csp&utm_medium=301

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[1] https://www.rtinsights.com/gartner-forecasts-robust-growth-in-worldwide-public-cloud-spending/