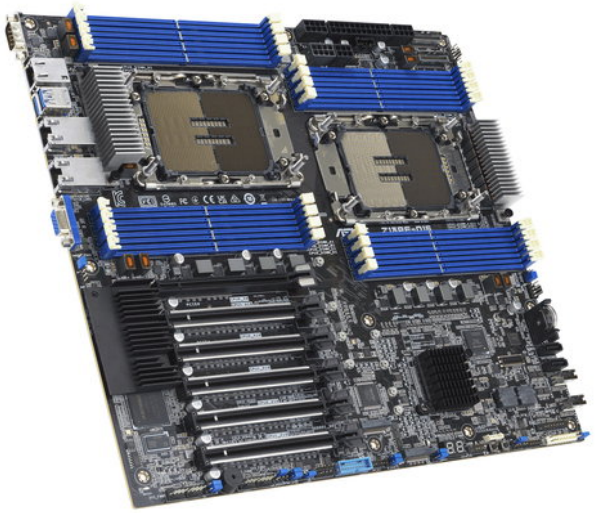


ASUS Z13PE-D16/ASMB11 Intel C741 LGA 4677 (Socket E) Extended ATX

Model: 90SB0CA0-M0UAY2

Manufacturer: ASUS

EAN: 4711636266833

Product Code: 1093704

R28,618

Server motherboard for dual 5th Gen Intel® Xeon® Scalable processors, with single-CPU support for three PCIe cards, 16 DIMM DDR5, dual 10 Gbps LAN and integrated ASUS ASMB11-iKVM.

Powered by 5th Gen Intel® Xeon® Scalable processors

5th Gen Intel® Xeon® processors unleashes up to 21% average general-purpose performance gain, significantly improving AI inference and training, all via the drop-in-compatible LGA-4677 socket. This innovation powerhouse accelerate AI, HPC, Analytics, Networking, Storage and offer eight DDR5-5600 memory channels for up to 2 TB capacity, 80 PCI Express® 5.0 lanes with CXL 1.1 support, and a 350 W TDP for 1P and 2P configurations — ready for the future of computing.

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CPU-balanced Architecture

The new 5th Gen Intel Xeon Scalable Processors excel at providing full features and functionality for both dual-socket and single-socket platforms. The ASUS Z13PE-D16 goes one step further by introducing an CPU-balanced architecture to enable secure and optimal CPU performance and efficiency.

This architecture extends the full bandwidth to either dual- or single-CPU configurations, enabling more computing capability and much-improved overall power efficiency for compute-intensive workloads.

When operating with a single CPU, it can support up to three PCIe cards, signifying that this motherboard is a cost-effective solution for small to medium-sized enterprises or budget-conscious users. Without the need for excessive PCIe slots, hardware costs can be controlled more effectively. Furthermore, the Z13PE-D16 motherboard is particularly suitable for specific workloads that require only limited PCIe expandability. Whether you need to optimize your configuration or simply require a few additional PCIe cards, the Z13PE-D16 offers simplified setup and management, ensuring efficient operation. Whether you are operating a small to medium-sized enterprise, managing a budget-sensitive data center or seeking solutions tailored to specific applications, the ASUS Z13PE-D16 server motherboard can meet your needs, delivering exceptional performance and cost efficiency.

Dual Intel 10GBase-T Ethernet with teaming support

The Z13PE-D16 provides dual 10-gigabit ultra-high-speed ports, vastly outperforming traditional gigabit Ethernet. This speed enhances data-traffic handling, thereby improving application performance. Additionally, it ensures reliability through teaming support, where multiple network interface cards (NICs) combine for enhanced redundancy, minimizing service interruptions.

Enhanced IT-infrastructure management

The Z13PE-D16 features optional support for iKVM function and ASUS Control Center, offering comprehensive out-of-band and in-band management features tailored for small and mid-size businesses.

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The ASUS ASMB11-iKVM is the latest server-management solution from ASUS, built upon the ASPEED 2600 chipset running on the latest AMI MegaRAC SP-X. This module provides various interfaces to enable out-of-band server management through WebGUI, Intelligent Platform Management Interface (IPMI) and the Redfish® API.

ASUS Control Center (ACC) is remote IT management software designed for monitoring your hardware and software IT assets and inventory status. It enables seamless remote BIOS configurations and updates, efficient IT diagnostics, troubleshooting and enhanced security with hotfix updates, allowing easier server management for any IT infrastructure.

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