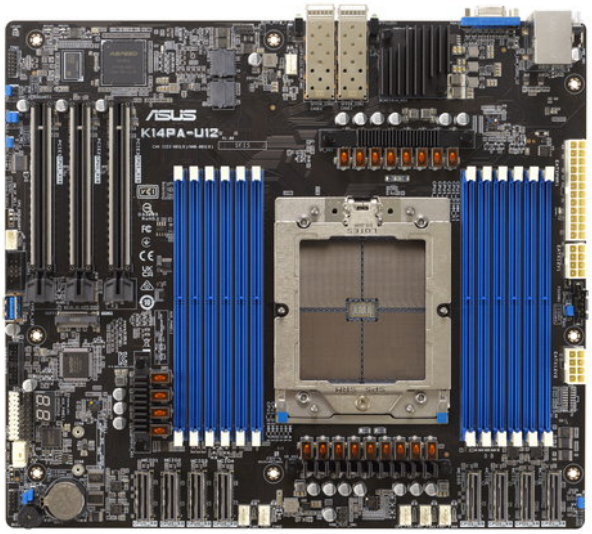

ASUS K14PA-U12/ASMB11 Socket SP5 SSI CEB

Model: 90SB0CI0-M0UAY0

Manufacturer: ASUS

EAN: 4711387343524

Product Code: 1618432

R16,157

Server motherboard for 128 core AMD EPYC™ 9004-series processors, with dual 25 Gbps LAN, support for two dual-slot GPUs, 12 DIMM DDR5, up to 16 NVMe drives and integrated ASMB11-iKVM.

Powered by AMD EPYCTM 9004 processors

AMD EPYC™ 9004 Series processors offer up to 96 Zen 4 cores and 128 Zen 4 cores, exceptional memory bandwidth and a hybrid multi-die architecture. Optimized for diverse computing needs, they excel in high-performance, energy-efficient solutions. Experience enhanced performance and multitasking with AMD 3D V-Cache™ Technology, which increases cache capacity, ensuring smoother overall performance and improved productivity. Elevate your computing with AMD EPYC™ 9004 Series processors.

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Dual SFP28 25-gigabit Ethernet with teaming support

The K14PA-U12 provides ultra-high-speed network connectivity, with each SFP28 25-gigabit Ethernet connection offering up to 25 Gbps of bandwidth, 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. The server's low-latency SFP28 technology is crucial for real-time applications like high-frequency trading and video conferencing.

Flexible expandability

The K14PA-U12 also boasts eight MCIO slots, with MCIO7/MCIO8 supporting both NVMe and SATA devices. This design offers versatile storage options, allowing users to choose between NVMe and SATA drives to meet a variety of storage needs. Additionally, it ensures high performance with support for NVMe drives, making it ideal for data-intensive applications like databases and content creation.

K14PA-U12’s scalability is another standout feature, as it can accommodate up to 16 NVMe drives — providing ample storage capacity that can readily expand to meet the growing demands of data-intensive operations. Up to two dual-slot GPUs are also supported.

Comprehensive IT infrastructure management

K14PA-U12 features an embedded iKVM module and is optionally equipped with ASUS Control Center, offering comprehensive out-of-band and in-band management features tailored for small and mid-size businesses. The embedded ASUS ASMB11-iKVM module supports remote BIOS updates, fan control, standalone KVMs, video recording and BSOD capture, providing around-the-clock remote monitoring and diagnostics. This functionality remains accessible even if the operating system is down or offline, through a user-friendly web-based graphical interface compatible with all major browsers. ASUS Control Center (ACC) further enhances IT infrastructure management, centralizing and integrating monitoring and control for ASUS commercial products, including servers, workstations and digital signage. ACC enables remote BIOS updates, mobile device system monitoring and simplified server management through one-click software updates and dispatching.

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itworkup.co.za | sales@itworkup.co.za | +27 (11)541-9950

ASUS ProCool connector

ASUS ProCool power connectors are designed without any hollow areas, enabling lower impedance, faster heat dissipation and cooler operating temperatures for reduced power loss and increased cost savings.

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