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Matična ploča Gigabyte AM5 X870E AORUS MASTER

Šifra: 77146
Kategorija prozivoda: Matične ploče
Proizvođač: GIGABYTE

Cena: 58.620,00



Model	Gigabyte X870E AORUS MASTER AM5 DDR5 ATX Matična ploča
Procesorsko podnožje (Socket)	AMD Socket AM5
Skup čipova (Chipset)	AMD X870E
Podrška za procesore	AMD Ryzen 9000 Series Processors AMD Ryzen 8000 Series Processors AMD Ryzen 7000 Series Processors
Tip memorije (RAM)	DDR5
Broj memorijskih slotova	4x 288-Pin DDR5
Podrška za memorije	Support for DDR5 8600(OC) / 8400(OC) / 8200(OC) / 8000(OC) / 7800(OC) / 7600(OC) / 7200(OC) / 7000(OC) / 6800(OC) / 6666(OC) / 6600(OC) / 6400(OC) / 6200(OC) / 6000(OC) / 5600(OC) / 5200 / 4800 / 4400 MT/s memory modules 4 x DDR5 DIMM sockets supporting up to 256 GB (64 GB single DIMM capacity) of system memory Dual channel memory architecture Support for ECC and non-ECC Un-buffered DIMM memory modules Support for AMD EXtended Profiles for Overclocking (AMD EXPO) and Extreme Memory Profile (XMP) memory modules
Podrška za grafiku - portovi	Integrated Graphics Processor with AMD Radeon Graphics support+ASMedia USB4 Controller: - 2 x USB4 USB Type-C ports, supporting USB4 and DisplayPort video outputs and a maximum resolution of 3840x2160 240Hz Support for DisplayPort 1.4 version and HDR.

	Integrated Graphics Processor with AMD Radeon Graphics support: - 1 x HDMI port, supporting a maximum resolution of 4096x2160 60Hz Support for HDMI 2.1 version, HDCP 2.3, and HDR. Support for native HDMI 2.1 TMDS compatible ports. - 1 x Front HDMI port, supporting a maximum resolution of 1920x1080 30Hz Support for HDMI 1.4 version
Slotovi za proširenja	1 x PCI Express x16 slot (PCIEX16), integrated in the CPU: AMD Ryzen 9000/7000 Series Processors support PCIe 5.0 x16 mode The PCIEX16 slot can only support a graphics card or an NVMe SSD. If only one graphics card is to be installed, be sure to install it in the PCIEX16 slot. The PCIEX16 slot shares bandwidth with the M2B_CPU and M2C_CPU connectors. The PCIEX16 slot operates at up to x8 mode when a device is installed in the M2B_CPU or M2C_CPU connector. AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x8 mode AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4 mode Chipset: - 1 x PCI Express x16 slot, supporting PCIe 4.0 and running at x4 (PCIEX4_1) - 1 x PCI Express x16 slot, supporting PCIe 3.0 and running at x4 (PCIEX4_2)
M.2 portovi	4x M.2 Socket 3
Čuvanje podataka - portovi	1 x M.2 connector (M2A_CPU), integrated in the CPU, supporting Socket 3, M key, type 25110/22110/2580/2280 SSDs: AMD Ryzen 9000/7000 Series Processors support PCIe 5.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 1 Processors support PCIe 4.0 x4/x2 SSDs AMD Ryzen 8000 Series-Phoenix 2 Processors support PCIe 4.0 x4/x2 SSDs 2 x M.2 connectors (M2B_CPU, M2C_CPU), integrated in the CPU, supporting Socket 3, M key, type 22110/2280 SSDs: AMD Ryzen 9000/7000 Series Processors support PCIe 5.0 x4/x2 SSDs The M2B_CPU and M2C_CPU connectors become unavailable when an AMD Ryzen 8000 Series-Phoenix 1/Phoenix 2 processor is used. 1 x M.2 connector (M2D_SB), integrated in the Chipset, supporting Socket 3, M key, type 22110/2280 PCIe 4.0 x4/x2 SSDs 4 x SATA 6Gb/s connectors RAID 0, RAID 1, RAID 5, and RAID 10 support for NVMe SSD storage devices RAID 5 is only available on AMD Ryzen 9000 Series Processors. RAID 0, RAID 1, and RAID 10 support for SATA storage devices
SATA portovi	4x SATA 6Gb/s
LAN	Realtek 5GbE LAN chip (5 Gbps/2.5 Gbps/1 Gbps/100 Mbps)
Bežična mreža	Qualcomm Wi-Fi 7 QCNCM865 - 802.11a, b, g, n, ac, ax, be, supporting 2.4/5/6 GHz carrier frequency bands - Support for 11be 320MHz wireless standard
Bluetooth	5.3
Zvuk (Audio)	Realtek ALC1220 CODEC The back panel line out jack supports DSD audio. Support for DTS:X Ultra High Definition Audio 2/4/5.1/7.1-channel Support for S/PDIF Out
USB portovi	CPU+ASMedia USB4 controller: - 2 x USB4 USB Type-C ports on the back panel CPU: - 1 x USB 3.2 Gen 2 Type-A port (red) on the back panel Chipset+USB 3.2 Gen 1 Hub: - 4 x USB 3.2 Gen 1 ports on the back panel Chipset: - 1 x USB Type-C port with USB 3.2 Gen 2x2 support, available through the internal USB header - 3 x USB 3.2 Gen 2 Type-A ports (red) on the back panel - 4 x USB 3.2 Gen 1 ports available through the internal USB headers - 6 x USB 2.0/1.1 ports (2 ports on the back panel, 4 ports available through the internal USB headers)

Konektori na zadnjoj strani	1 x Q-Flash Plus button 1 x Clear CMOS button 1 x HDMI port (Note) 2 x USB4 USB Type-C ports (DisplayPorts (Note)) 4 x USB 3.2 Gen 2 Type-A ports (red) 4 x USB 3.2 Gen 1 ports 2 x USB 2.0/1.1 ports 1 x RJ-45 port 2 x antenna connectors (2T2R) 2 x audio jacks 1 x optical S/PDIF Out connector (Note) Actual support may vary by CPU.
Unutrašnji konektori	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 1 x CPU fan header 1 x CPU fan/water cooling pump header 4 x system fan headers 2 x system fan/water cooling pump headers 4 x addressable RGB Gen2 LED strip headers 1 x RGB LED strip header 4 x M.2 Socket 3 connectors 4 x SATA 6Gb/s connectors 1 x front panel header 1 x front panel audio header 1 x USB Type-C header, with USB 3.2 Gen 2x2 support 2 x USB 3.2 Gen 1 headers 2 x USB 2.0/1.1 headers 1 x noise detection header 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0/GC-TPM2.0 SPI V2 module only) 1 x HDMI port (Note) 1 x power button 1 x reset button 1 x reset jumper 1 x Clear CMOS jumper 2 x temperature sensor headers Voltage Measurement Points
Posebne mogućnosti	Support for Q-Flash Support for Q-Flash Plus Support for Smart Backup Voltage detection Temperature detection Fan speed detection Water cooling flow rate detection Fan fail warning Fan speed control Whether the fan (pump) speed control function is supported will depend on the fan (pump) you install. Noise detection
Operativni sistem	Windows 11
BIOS	1 x 256 Mbit flash Use of licensed AMI UEFI BIOS PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0
Format	ATX
Prava	

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