Firma: Desk
Adresa: Čika Ljubina 20
Telefon: +381113287160
Fax: +381113292140
PIB: 101520010
E-mail: plato@desk.rs

MB AM5 ASRock X870E TAICHI 90-MXBP90-A0UAYZ

Cena: 55.974,00 rsd.

Šifra:
Kategorija prozivoda: Matične ploče za AMD socket
Proizvođač: AS Rock



Unique Feature
Superb Productivity
- PCIe Gen5 (Graphics, M.2)
- Dual Channel DDR5
- USB4 Type-C Ports (40 Gb/s)
Rock-Solid Durability
- Server-Grade Low-Loss PCB
- 24+2+1 Power Phase, 110A SPS for VCore+SOC with Enlarged Heatsink Armor
- Flexible Integrated I/O Shield
- 20K Long-lasting Black Caps (high quality and conductive polymer capacitors)
Ultrafast Connectivity
- 5G LAN, 802.11be Wi-Fi 7 Module
- ASRock Lightning Gaming Ports
EZ Update
- BIOS Flashback Button
- ASRock Auto Driver Installer
CPU
- Supports AMD Socket AM5 Ryzen™ 9000, 8000 and 7000 Series Processors*
- Supports ASRock Hyper BCLK Engine

*The availability of expansion slots may vary by CPU. Please refer to PCIe/M.2 Bandwidth Table for details.
Chipset
- AMD X870E
Memory
- Dual Channel DDR5 Memory Technology
- 4 x DDR5 DIMM Slots
- Supports DDR5 ECC/non-ECC, un-buffered memory up to 8200+(OC)*
- Max. capacity of system memory: 256GB
- Supports Extreme Memory Profile (XMP) and EXTended Profiles for Overclocking (EXPO) memory modules*

*Please refer to Memory Support List on ASRock's website for more information.
BIOS
- 256Mb AMI UEFI Legal BIOS with GUI support
Graphics
Integrated AMD RDNA™ graphics (Actual support may vary by CPU)
- 1 x HDMI 2.1 TMDS/FRL 8G Compatible, supports HDR, HDCP 2.3 and max. resolution up to 4K 120Hz
- 2 x USB4, support HDCP 2.3 and max. resolution up to 8K 30Hz*

* Only the CPU's embedded graphics can be displayed through USB4 ports. If you want to display to a Type-C monitor, please use AM5 Ryzen™ 9000, 8000 and 7000 processors with embedded graphics.
Audio
- 5.1 CH HD Audio with Content Protection (Realtek ALC4082 Audio Codec)

Cene su informativnog karaktera. Prodavac ne odgovara za tačnost cena iskazanih na sajtu, zadržava pravo izmena cena. Ponudu za ostale artikle, informacije o stanju lagera i aktuelnim cenama možete dobiti na upit. Plaćanje se isključivo vrši virmanski - bezgotovinski.

LAN
- 5 Gigabit LAN 10/100/1000/2500/5000 Mb/s
- Realtek RTL8126
Wireless LAN
- 802.11be 2x2 Wi-Fi 7 Module
- Supports IEEE 802.11a/b/g/n/ac/ax/axe/be
- Supports 2.4GHz/5GHz/6GHz* frequency band
- Supports 160MHz channel bandwidth with 6GHz* frequency band
- 1 antenna to support 2 (Transmit) x 2 (Receive) diversity technology
- Supports Bluetooth 5.4
- Supports MU-MIMO

*The Wi-Fi 7 module is supported by Microsoft Windows® 11 only. There is no driver available for Windows® 10. The availability of the 6GHz band will depend on the different regulation status of each country and region. It will be activated (for supported countries) through Windows® Update and software updates once available.
Slots
CPU:
- 2 x PCIe 5.0 x16 Slots (PCIE1 and PCIE2), support x16 or x8/x8 modes*
Chipset:
- 1 x Vertical M.2 Socket (Key E), supports type 2230 WiFi/BT PCIe WiFi module
- Supports AMD CrossFire™

*PCIE1 will run at Gen5x16 with 9000 and 7000 series processors, Gen4x8 with 8000 (Phoenix 1) series processors and Gen4x4 with 8000 (Phoenix 2) series processors.
Supports NVMe SSD as boot disks
Storage
CPU:
- 1 x Blazing M.2 Socket (M2_1, Key M), supports type 2280 PCIe Gen5x4 (128 Gb/s) mode*
Chipset:
- 1 x Hyper M.2 Socket (M2_2, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode*
- 1 x Hyper M.2 Socket (M2_3, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode*
- 1 x Hyper M.2 Socket (M2_4, Key M), supports type 2280 PCIe Gen4x4 (64 Gb/s) mode*
- 6 x SATA3 6.0 Gb/s Connectors

* Supports NVMe SSD as boot disks
M2_1 is the first priority for M.2 installation.
M2_1 will run at Gen5x4 with 9000 and 7000 series processors and Gen4x4 with 8000 (Phoenix 1 and Phoenix 2) series processors.
RAID
- Supports RAID 0, RAID 1 and RAID 10 for SATA storage devices
- Supports RAID 0, RAID 1 and RAID 10 for M.2 NVMe storage devices
USB
CPU:
- 2 x USB4 Type-C (Rear)
- 2 x USB 3.2 Gen2 Type-A (Rear)
Chipset:
- 1 x USB 3.2 Gen2x2 Type-C (Front)
- 3 x USB 3.2 Gen2 Type-A (Rear)
- 7 x USB 3.2 Gen1 Type-A (3 Rear, 4 Front)
- 6 x USB 2.0 (2 Rear, 4 Front)

* All USB ports support ESD Protection
Connector
- 3 x Thermistor Cable Headers
- 1 x Power LED and Speaker Header
- 1 x RGB LED Header*
- 3 x Addressable LED Headers**
- 2 x CPU Fan Connector (4-pin) (Smart Fan Speed Control)***
- 4 x Chassis Fan Connectors (4-pin) (Smart Fan Speed Control)***
- 1 x AIO Pump Fan Connector (4-pin) (Smart Fan Speed Control)***
- 1 x Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)***
- 1 x 24 pin ATX Power Connector (Hi-Density Power Connector)
- 2 x 8 pin 12V Power Connectors (Hi-Density Power Connector)
- 1 x Front Panel Audio Connector (15μ Gold Audio Connector)
- 2 x USB 2.0 Headers (Support 4 USB 2.0 ports)
- 2 x USB 3.2 Gen1 Headers (Support 4 USB 3.2 Gen1 ports)
- 1 x Front Panel Type C USB 3.2 Gen2x2 Header (20 Gb/s)
- 1 x Dr. Debug with LED
- 1 x Power Button with LED
- 1 x Reset Button with LED

* Supports in total up to 12V/3A, 36W LED Strip
** Support in total up to 5V/3A, 15W LED Strip

*** CPU_FAN1 supports the fan power up to 1A (12W).
CPU_FAN2, CHA_FAN1~4, AIO_PUMP and W_PUMP support the fan power up to 3A (36W).
CPU_FAN2, CHA_FAN1~4, AIO_PUMP and W_PUMP can auto detect if 3-pin or 4-pin fan is in use.
Rear Panel I/O
- 2 x Antenna Ports
- 1 x HDMI Port
- 1 x Optical SPDIF Out Port
- 2 x USB4 Type-C Ports (40 Gb/s)*
- 5 x USB 3.2 Gen2 Type-A Ports (10 Gb/s) (USB32_12 are Lightning Gaming Ports.)
- 3 x USB 3.2 Gen1 Type-A Ports (USB32_34 supports Ultra USB Power.)
- 2 x USB 2.0 Ports
- 1 x RJ-45 LAN Port
- 1 x Clear CMOS Button
- 1 x BIOS Flashback Button
- 1 x Line Out Jack (Gold Audio Jack)
- 1 x Microphone Input Jack (Gold Audio Jack)

* Supports USB PD 3.0 up to 5V@3A (15W) charging
Software and UEFI
Software
- ASRock Motherboard Utility (A-Tuning)
- ASRock Polychrome SYNC*
UEFI
- ASRock EZ Mode
- ASRock Full HD UEFI
- ASRock Auto Driver Installer
- ASRock Instant Flash

*These utilities can be downloaded from ASRock Live Update & APP Shop.
Accessories
- 4 x SATA Data Cables
- 1 x ASRock WiFi 2.4/5/6 GHz Antenna
- 1 x ARGB Splitter Cable
- 3 x Thermistor Cables
Form Factor
- EATX Form Factor: 12.0-in x 10.5-in, 30.5 cm x 26.7 cm
- 8 Layer PCB
- 2oz Copper PCB
OS
- Microsoft Windows® 10 64-bit / 11 64-bit