

ASRock X670E Taichi Carrara / AMD X670 / AM5 / 4x DDR5 / 4x M.2 / HDMI / 2x USB-C / WiFi / EATX

cena vč DPH: **15389 Kč**

cena bez DPH: 12718 Kč

Kód zboží (ID): 5487682

PN: X670E-TAICHI-CARRARA

Záruka: 36 měsíců



X670E Taichi Carrara

- Supports AMD Ryzen™ 7000 Series Processors
- 24+2+1 Phase Power Design, SPS for VCore+GT
- 4 x DDR5 DIMMs, supports up to 6600+(OC)
- 2 PCIe 5.0 x16
- Graphics Output Options: 2 USB4 Type-C, 1 HDMI
- Realtek ALC4082 5.1 CH HD Audio Codec,
- ESS SABRE9218 DAC, WIMA Audio Caps
- 1 Blazing M.2 (PCIe Gen5x4),
- 1 Hyper M.2 (PCIe Gen4x4 & SATA3),
- 2 Hyper M.2 (PCIe Gen4x4),
- 8 SATA3
- 2 USB4 Type-C (Rear),
- 1 USB 3.2 Gen2x2 Type-C (Front),
- 5 USB 3.2 Gen2 Type-A (Rear),
- 7 USB 3.2 Gen1 (3 Rear, 4 Front)
- Killer 2.5G LAN
- Killer 802.11ax Wi-Fi 6E + Bluetooth

Unique Feature

Superb Productivity - PCIe Gen5 (Graphics, M.2) - 12CM Carrara Edition Cooling FAN
- Blazing M.2 Gen5 Fan Heatsink - Dual Channel DDR5 - USB4 Type-C Ports (40 Gb/s)
Rock-Solid Durability - Ultra Low-Loss PCB - 24+2+1 Power Phase, 105A SPS for

VCore+GT with Enlarged Heatsink Armor - Flexible Integrated I/O Shield - Nichicon 12K Black Caps (100% Japan made high quality conductive polymer capacitors) Ultrafast Gaming - Killer 2.5G LAN, Killer 802.11ax Wi-Fi 6E Module - Killer DoubleShot™ Pro - ASRock Lightning Gaming Ports EZ Update - BIOS Flashback Button - ASRock Auto Driver Installer

CPU

- Supports AMD Socket AM5 Ryzen™ 7000 Series Processors - Supports ASRock Hyper BCLK Engine

Chipset

- AMD X670

Memory

- Dual Channel DDR5 Memory Technology - 4 x DDR5 DIMM Slots - Supports DDR5 ECC/non-ECC, un-buffered memory up to 6600+(OC)* - Max. capacity of system memory: 128GB - Supports Extreme Memory Profile (XMP) and EXTENDED Profiles for Overclocking (EXPO) memory modules

BIOS

- 256Mb AMI UEFI Legal BIOS with GUI support

Graphics

Integrated AMD RDNA™ 2 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 60Hz*

*Only the CPU's embedded graphics can be displayed through USB4 ports. If you want to display to a Type-C monitor, please use CPU models with embedded graphics. USB4 graphics output may not be compatible with certain Type-C monitors. Please use graphics card outputs instead.

Audio

- 5.1 CH HD Audio with Content Protection (Realtek ALC4082 Audio Codec) - WIMA Audio Capacitors (For Front Outputs) - ESS SABRE9218 DAC for Front Panel Audio (130dB SNR) - Individual PCB Layers for R/L Audio Channel - Impedance Sensing on Rear Out port - Nahimic Audio

LAN

- 2.5 Gigabit LAN 10/100/1000/2500 Mb/s - Killer E3100G - Supports Killer LAN Software - Supports Killer DoubleShot™ Pro

Wireless LAN

- 802.11ax Wi-Fi 6E Module - Supports IEEE 802.11a/b/g/n/ac/ax - Supports Dual-Band 2x2 160MHz with extended 6GHz band support* - 2 antennas to support 2 (Transmit) x 2 (Receive) diversity technology - Supports Bluetooth + High speed class II - Supports MU-MIMO - Supports Killer LAN Software - Supports Killer DoubleShot™ Pro

*Wi-Fi 6E (6GHz band) will be supported by Microsoft Windows 11. The availability 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. A 6GHz compatible router is required for 6E functionality.

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™ - 15µ Gold Contact in VGA PCIe Slot (PCIE1)

*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 2230/2242/2260/2280/22110 SATA3 6.0 Gb/s & PCIe Gen4x4 (64 Gb/s) modes* - 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* - 4 x SATA3 6.0 Gb/s Connectors ASMedia ASM1061: - 4 x SATA3 6.0 Gb/s Connectors**

*Supports NVMe SSD as boot disks

**If M2_2 is occupied by a SATA-type M.2 device, SATA3_A1 will be disabled.

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

- 2 x USB4 Type-C (Rear) - 1 x USB 3.2 Gen2x2 Type-C (Front) - 5 x USB 3.2 Gen2 Type-A (Rear) - 7 x USB 3.2 Gen1 (3 Rear, 4 Front) - 4 x USB 2.0 (Front)

*All USB ports support ESD Protection

Connector

- 1 x Power LED and Speaker Header - 1 x RGB LED Header* - 3 x Addressable LED Headers** - 1 x CPU Fan Connector (4-pin)*** - 1 x CPU/Water Pump Fan Connector (4-pin) (Smart Fan Speed Control)**** - 6 x Chassis/Water Pump Fan Connectors (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/WP_3A supports the fan power up to 3A (36W).

***** CHA_FAN1~6/WP support the fan power up to 2A (24W). CPU_FAN2/WP_3A and CHA_FAN1~6/WP 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) (ReDriver) (USB32_12 are Lightning Gaming Ports. USB32_3 supports Ultra USB Power.) - 3 x USB 3.2 Gen1 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 9V@3A (27W) / 5V@3A (15W) charging

Software and UEFI

Software - ASRock Motherboard Utility (A-Tuning) - Killer Control Center - ASRock Polychrome SYNC*

UEFI

- ASRock Full HD UEFI - ASRock Auto Driver Installer - ASRock Instant Flash

Accessories

- 1 x User Manual - 4 x SATA Data Cables - 1 x Wireless Dongle USB Bracket - 1 x Blazing M.2 Gen5 Fan Heatsink - 1 x 12CM Carrara Edition Cooling FAN - 1 x ASRock WiFi 2.4/5/6 GHz Antenna - 4 x Screws for M.2 Sockets - 1 x Standoff for M.2 Socket

Form Factor

- EATX Form Factor: 12.0-in x 10.5-in, 30.5 cm x 26.7 cm - 8 Layer PCB

OS

- Microsoft Windows 10 64-bit / 11 64-bit

Certifications

- FCC, CE - ErP/EuP ready (ErP/EuP ready power supply is required)

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24+2+1 Phase Power Design, SPS for VCore+GT

4 x DDR5 DIMMs, supports up to 6600+(OC)

2 PCIe 5.0 x16

Graphics Output Options: 2 USB4 Type-C, 1 HDMI

Realtek ALC4082 5.1 CH HD Audio Codec,

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1 Blazing M.2 (PCIe Gen5x4),

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- Dual Channel DDR5

- USB4 Type-C Ports (40 Gb/s)

Rock-Solid Durability

- Ultra Low-Loss PCB

- 24+2+1 Power Phase, 105A SPS for VCore+GT with Enlarged Heatsink Armor

- Flexible Integrated I/O Shield

- Nichicon 12K Black Caps (100% Japan made high quality conductive polymer capacitors)

Ultrafast Gaming

- Killer 2.5G LAN, Killer 802.11ax Wi-Fi 6E Module

- Killer DoubleShot™ Pro
 - ASRock Lightning Gaming Ports
- EZ Update
- BIOS Flashback Button
 - ASRock Auto Driver Installer
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- Supports AMD Socket AM5 Ryzen™ 7000 Series Processors
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- ### Chipset
- AMD X670
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