

MB s1700 ASUS ROG STRIX Z690-F GAMING WIFI DDR5

Šifra: 40584

Kategorija proizvoda: Matične ploče

Proizvođač: ASUS

Cena: **49.260,00**



CPU

Supports Intel® Turbo Boost Technology 2.0 and Intel® Turbo Boost Max Technology 3.0**

* Refer to www.asus.com for CPU support list.

** Intel® Turbo Boost Max Technology 3.0 support depends on the CPU types.

Chipset

Z690

Memory

4 x DIMM, Max. 128GB, DDR5 6400(OC)/ 6200(OC)/ 6000(OC)/ 5800(OC)/ 5600(OC)/ 5400(OC)/ 5200(OC)/ 5000(OC)/ 4800 Non-ECC, Un-buffered Memory*

Dual Channel Memory Architecture

Supports Intel® Extreme Memory Profile (XMP)

OptiMem II

* Supported memory types, data rate(Speed), and number of DRAM module vary depending on the CPU and memory configuration, for more information refer to www.asus.com for memory support list.

Graphics

1 x DisplayPort**

1 x HDMI***

* Graphics specifications may vary between CPU types. Please refer to www.intel.com for any updates.

** Support 8K@60Hz as specified in DisplayPort 1.4

*** Support 4K@60Hz as specified in HDMI 2.1.

Expansion Slots

Intel® 12th Gen Processors*

1 x PCIe 5.0 x16 slot

- Intel® 12th support PCIe 5.0 x16 mode

Intel® Z690 Chipset

1 x PCIe 3.0 x16 slot (supports x4 mode or x4/x4 mode)

1 x PCIe 3.0 x1 slot

* Please check PCIe bifurcation table in support site.

Storage

Intel® 12th Gen Processors*

M.2_1 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)

Intel® Z690 Chipset**

M.2_2 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 mode)

M.2_3 slot (Key M), type 2242/2260/2280/22110 (supports PCIe 4.0 x4 mode)

M.2_4 slot (Key M), type 2242/2260/2280 (supports PCIe 4.0 x4 & SATA modes)

6 x SATA 6Gb/s ports***

* Intel® Rapid Storage Technology supports NVMe RAID 0/1/5, SATA RAID 0/1/5/10.

** Intel® Rapid Storage Technology supports Intel® Optane Memory H Series on PCH attached M.2 slots.
*** RAID configuration is not supported on the SATA6G_E1-2 ports.

Ethernet

1 x Intel® 2.5Gb Ethernet

Wireless & Bluetooth

Intel® Wi-Fi 6E

Wi-Fi 6E

2x2 Wi-Fi 6E (802.11 a/b/g/n/ac/ax)

Supports 2.4/5/6GHz frequency band*

Bluetooth v5.2 hardware ready**

* WiFi 6E 6GHz regulatory may vary between countries, and function will be ready in Windows 11 or later.

** Bluetooth v5.2 function will be ready in Windows 11 or later.

USB

Rear USB:Total 10 ports

1 x USB 3.2 Gen 2x2 port (1 x USB Type-C®)

3 x USB 3.2 Gen 2 ports (2 x Type-A + 1 x USB Type-C®)

4 x USB 3.2 Gen 1 ports (4 x Type-A)

2 x USB 2.0 ports (2 x Type-A)

Front USB (Total 7 ports)

1 x USB 3.2 Gen 2x2 connector (supports USB Type-C®)

1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports

2 x USB 2.0 headers support additional 4 USB 2.0 ports

Audio

ROG SupremeFX 7.1 Surround Sound High Definition Audio CODEC ALC4080

- Impedance sense for front and rear headphone outputs

- Supports: Jack-detection, Multi-streaming, Front Panel Jack-retasking

- High quality 120 dB SNR stereo playback output and 113 dB SNR recording input

- Supports up to 32-Bit/384 kHz playback"

Audio Features

- SupremeFX Shielding Technology

- ALC4080 + Savitech SV3H712 AMP

- Gold-plated audio jacks

- Rear optical S/PDIF out port

- Premium audio capacitors

- Audio cover

Internal I/O Connectors

Fan and Cooling related

1 x 4-pin CPU Fan header

1 x 4-pin CPU OPT Fan header

1 x 4-pin AIO Pump header

5 x 4-pin Chassis Fan headers

Power related

1 x 24-pin Main Power connector

2 x 8-pin +12V Power connector

Storage related

4 x M.2 slots (Key M)

6 x SATA 6Gb/s ports

USB

1 x USB 3.2 Gen 2x2 connector (supports USB Type-C®)

1 x USB 3.2 Gen 1 header supports additional 2 USB 3.2 Gen 1 ports

2 x USB 2.0 headers support additional 4 USB 2.0 ports

Miscellaneous

3 x Addressable Gen 2 headers

1 x AURA RGB header

1 x BMC header

1 x CPU Over Voltage jumper

1 x Front Panel Audio header (AAFP)

1 x SPI TPM header (14-1pin)

1 x 20-3 pin System Panel header with Chassis intrude function

1 x Thermal Sensor header

1 x Thunderbolt header

Special Features

Extreme Engine Digi+

- 5K Black Metallic Capacitors

ASUS Q-Design

- M.2 Q-Latch

- PCIe Slot Q-Release

- Q-DIMM

- Q-LED (CPU [red], DRAM [yellow], VGA [white], Boot Device [yellow green])

- Q-Slot

ASUS Thermal Solution

- M.2 heatsink backplate

- M.2 heatsink

ASUS EZ DIY

- BIOS FlashBack™ button

- BIOS FlashBack™ LED

- Clear CMOS button

- CPU Socket lever protector

- ProCool II

- Pre-mounted I/O shield

- SafeSlot

- SafeDIMM

AURA Sync

- AURA RGB header

- Addressable Gen 2 RGB headers

ASUS HYDRANODE

- 1 x Chassis fan support* (CHA_FAN1P)

* Visit ASUS Website for the latest compatibility list.

TPM header

Software Features

ROG Exclusive Software

- ROG CPU-Z

- GameFirst VI

- Sonic Studio III + Sonic Studio Virtual Mixer + Sonic Suite Companion

- Sonic Radar III

- DTS® Sound Unbound

- Anti-virus software

ASUS Exclusive Software

Armoury Crate

- AIDA64 Extreme (60 days free trial)

- AURA Creator

- AURA Sync

- Fan Xpert 4

- Two-Way AI Noise Cancelation

AI Suite 3

- Easy Optimization with AI Overclocking

TPU

EPU

DIGI+ VRM

Turbo app

MyAsus

WinRAR

UEFI BIOS

AI Overclocking Guide

ASUS EZ DIY

- ASUS CrashFree BIOS 3

- ASUS EZ Flash 3

- ASUS UEFI BIOS EZ Mode

FlexKey

MemTest86

BIOS

256 Mb Flash ROM, UEFI AMI BIOS

Manageability

WOL by PME, PXE

Accessories

Cables

4 x SATA 6Gb/s cables

Miscellaneous

1 x ASUS 2x2 Dual-Band Wi-Fi moving antennas

1 x M.2 Q-Latch package

1 x M.2 Q-Latch package for M.2 backplate

2 x M.2 Rubber Packages

1 x ROG key chain

1 x cable tie

1 x ROG STRIX stickers

1 x ROG STRIX thank you card

Installation Media

1 x Support DVD

Documentation

1 x User manual

Form Factor

ATX

30.5cm x 24.4cm