

ASUS PRIME Z790-P WIFI Intel Z790 LGA 1700 ATX

Gamintojas: **ASUS** · Modelis: **90MB1CJ0-M1EAY0** · EAN: **4711081937227** · Prekės kodas: **376886**



195,90 € ~~202,90 €~~

Kaina su PVM

Be PVM: **161,90 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Intel LGA 1700 Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
- ✓ PC ATX Intel Z790 7.1 channels
- ✓ DDR5-SDRAM 4 DIMM Maximum internal memory: 128 GB
- ✓ HDD & SSD M.2, SATA III RAID support
- ✓ BIOS type: UEFI AMI 192 Mbit Clear CMOS button
- ✓ 2.5 Gigabit Ethernet Wi-Fi Wi-Fi 6 (802.11ax) Bluetooth 5.2



Aprašymas

PRIME Z790-P WIFI

ASUS Prime series motherboards are expertly engineered to unleash the full potential of 13th Gen Intel® Core™ Processors. Boasting a robust power design, comprehensive cooling solutions and intelligent tuning options, PRIME Z790-P WIFI provides users and PC DIY builders with a range of performance optimizations via intuitive software and firmware features.

FLEXIBILITY

Comprehensive controls form the foundation of the ASUS PRIME series. The PRIME Z790-P WIFI motherboard packs flexible tools to tune every aspect of your system, enabling performance tweaks to perfectly match the way you work to maximize productivity.

Intelligent Control

ASUS Intelligent Control makes your PC smart. Along with taking care of complex tuning and dynamically optimizing essential aspects of your system, it offers intelligently simplified options for newcomers to PC DIY, as well as more comprehensive features for seasoned veterans.

All-Around Energy Efficiency

The Power Saving function contains several settings that can easily optimize power consumption and maximize energy savings. You can enable a CPU power limit, darken Aura lighting, and set the fan profile to a power saving mode. You can also toggle the Power Saver plan that is built into Microsoft Windows.

COOLING

PRIME Z790-P WIFI motherboard is engineered with multiple onboard heatsinks and an array of hybrid fan headers to ensure your rig stays cool and stable under intense workloads.

M.2 Heatsink

An M.2 heatsink takes care of the two M.2 slots, warding off throttling that can occur with M.2 storage during sustained transfers.

VRM Heatsinks and Thermal Pads

The extensive surface area of the massive heatsinks cover the VRMs and chokes to improve heat dissipation. Together with specially engineered thermal pads, they improve heat transfer from the MOSFETs and chokes for better cooling performance.

Cooler by Design

PRIME Z790-P WIFI features comprehensive cooling controls that are configurable via Fan Xpert 4 software or via the UEFI BIOS.

Multiple Temperature Sources

Each header can dynamically reference three thermal sensors. Fan Xpert 4 allows you to map the temperature of supported ASUS graphics cards to optimize cooling for GPU- and CPU-intensive tasks.

AIO Pump Header

A dedicated PWM/DC header for self-contained water-cooling setups.

PERFORMANCE

The PRIME Z790-P WIFI motherboard is built to handle the high core counts and bandwidth demands of 13th Gen Intel® Core™ Processors. ASUS Z790 motherboard provides all the fundamentals to boost daily productivity, so your system will be ready for action with stable power, intuitive cooling and flexible data transfer options.

Robust Power Design

Stable power is essential to extract every last bit of performance out of Intel processors. The PRIME Z790-P WIFI is geared to cater to the demands of these high-core-count CPUs.

ProCool Connectors

Proprietary connectors augment the motherboard's link to the PSU with 4 + 8 pin connectors that pass 12 volts of power directly to the processors. Each jack features solid pins that can handle more current than hollow-pin connectors.

Outstanding Audio

Combined onboard features deliver elevated audio

Intelligent design and premium hardware create audio quality unlike anything you've ever experienced.

Techninė specifikacija

Specifications

Sandėlio grupė

PC and servers components > Motherboards [+0][-0]

Processor

Processor manufacturer	Intel
Processor socket	LGA 1700
Compatible processor series	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold
Supported processor sockets	LGA 1700

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Maximum internal memory	128 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	Non-ECC
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200 MHz
Supported memory clock speed (max)	7200 MHz
Unbuffered memory	Yes

Storage controllers

Supported storage drive interfaces	M.2, SATA III
Supported storage drive types	HDD & SSD
RAID support	Yes
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support	Not supported
On-board graphics card	No

Internal I/O

USB 2.0 connectors	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors	1
Number of SATA III connectors	4
Number of SATA II connectors	0
Number of SATA connectors	0
S/PDIF out connector	Yes
Front panel audio connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes

Number of chassis fan connectors	3
Peripheral (Molex) power connectors (4-pin)	1
EPS power connector (8-pin)	Yes
Number of COM connectors	1
TPM connector	Yes
Thunderbolt headers	1
12V power connector	Yes
RGB LED pin header	Yes
Rear panel I/O ports	
USB 2.0 ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	0
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	0
Ethernet LAN (RJ-45) ports	1
VGA (D-Sub) ports quantity	0
HDMI ports quantity	1
DVI-D ports quantity	0
USB 3.2 Gen 2x2 Type-C ports quantity	1
PS/2 ports quantity	1
DisplayPorts quantity	1
Headphone outputs	1
Line-in	Yes
Microphone in	Yes
WiFi-AP antenna jack	1
Network	
Wi-Fi	Yes
Ethernet LAN	Yes
Ethernet interface type	2.5 Gigabit Ethernet
Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth	Yes
Bluetooth version	5.2
Features	
Component for	PC

Motherboard form factor	ATX
Motherboard chipset family	Intel
Motherboard chipset	Intel Z790
Audio output channels	7.1 channels
Product colour	Aluminium, Black
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	3
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	3

BIOS

BIOS type	UEFI AMI
BIOS memory size	192 Mbit
Clear CMOS button	Yes

Packaging data

Package width	338 mm
Package depth	273 mm
Package height	68 mm
Package weight	1.68 kg

Weight & dimensions

Width	305 mm
Depth	234 mm
Height	40 mm

Packaging content

Cables included	SATA
Drivers included	Yes

Other features

mSATA ports quantity	0
Weight	1.03 kg

Matmenys ir svoris

Matmenys (I × P × A)	7,00cm × 34,00cm × 28,00cm
Svoris	1,94kg