

GIGABYTE Z790 AORUS MASTER X Motherboard- Supports Intel 13th Gen CPUs, 20+1+2 phases VRM, up to 8266MHz DDR5 (OC), 1x PCIe 5.0 + 4x PCIe 4.0 M2, 10GbE LAN, Wi-Fi 7, USB 3.2 Gen 2x2

Gamintojas: GIGABYTE · Modelis: Z790 AORUS MASTER X · EAN: 4719331857585 · Prekės kodas: 19516



454,90 €

Kaina su PVM

Be PVM: 375,95 €

Neturime



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Supports Intel Core 14th and 13th processors
- ✓ Digital direct 20+1+2 phases VRM solution
- ✓ Dual Channel DDR5 4*DIMMs with XMP 3.0 memory module support
- ✓ PCIe UD Slot X PCIe 5.0 x16 slot with 10X strength for graphics card
- ✓ EZ-Latch Click M.2 heatsinks with screwless design
- ✓ EZ-Latch Plus PCIe 5.0 x16 slot & M.2 slots with quick release design
- ✓ UC BIOS User-Centred intuitive UX with Quick Access function
- ✓ Ultra-Fast Storage 5*M.2 slots, including 1* PCIe 5.0 x4
- ✓ Efficient Overall Thermal VRM Thermal Armor Fins-Array & M.2 Thermal Guard XL
- ✓ Fast Networking 10GbE LAN & Wi-Fi 7 with Ultra-high gain antenna



Aprašymas

Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content creator, or professional, our series cater to your needs, ensuring uncompromising quality and cutting-edge

Techninė specifikacija

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
Maximum number of SMP processors	1
Supported processor sockets	LGA 1700
Maximum internal memory supported by processor	192 GB

Memory

Supported memory types	DDR5-SDRAM
Number of memory slots	4
Maximum internal memory	192 GB
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266 MHz
Supported memory clock speed (max)	8266 MHz
Unbuffered memory	Yes

Storage controllers

Supported storage drive interfaces	M.2, SATA III
Supported storage drive types	HDD & SSD
Number of HDDs supported	4
Number of storage drives supported	9
RAID support	Yes
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support	Not supported
Maximum resolution	4096 x 2304 pixels
HDCP	Yes

DirectX version	12
Discrete graphics support	Yes
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
Front panel audio connector	Yes
Front panel connector	Yes
ATX Power connector (24-pin)	Yes
CPU fan connector	Yes
Number of chassis fan connectors	8
EPS power connector (8-pin)	Yes
TPM connector	Yes
Thunderbolt headers	2
12V power connector	Yes
RGB LED pin header	Yes
Rear panel I/O ports	
USB 2.0 ports quantity	0
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	7
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	0
DVI-D ports quantity	0
USB 3.2 Gen 2x2 Type-C ports quantity	2
DisplayPorts quantity	1
DisplayPort version	1.2

Headphone outputs	1
Microphone in	Yes
S/PDIF out port	Yes
Digital audio optical out	1
WiFi-AP antenna jack	2
USB connector type	USB Type-A, USB Type-C

Network

Wi-Fi	Yes
Ethernet LAN	Yes
Ethernet interface type	10 Gigabit Ethernet
LAN controller	Marvell AQtion AQC113C
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)
Bluetooth	Yes
Bluetooth version	5.3

Features

Component for	PC
Motherboard form factor	Extended ATX
Motherboard chipset family	Intel
Motherboard chipset	Intel Z790 Express
Audio output channels	7.1 channels
Audio chip	Realtek ALC1220-VB
Product colour	Black
PC health monitoring	Fan, Noise, Temperature, Voltage, Water cooling
Windows operating systems supported	Windows 11 x64

Expansion slots

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

BIOS

BIOS type	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5
Clear CMOS jumper	Yes

Clear CMOS button	Yes
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7
Logistics data	
Country of origin	Taiwan
Products per shipping (inner) case	1 pc(s)
Battery	
Battery weight	3 g
Lithium weight per battery	0.07 g
Number of battery cells	1
Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Battery type	CR2032
Packaging data	
Package width	345 mm
Package depth	294 mm
Package height	80 mm
Package weight	3.46 kg
Weight & dimensions	
Width	305 mm
Depth	260 mm
Height	35 mm
Packaging content	
Cables included	SATA
Batteries included	Yes
Antenna included	Yes
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
Technical details	
Warranty period	3 year(s)
Matmenys ir svoris	
Matmenys (l × p × A)	35,00cm × 30,00cm × 8,00cm
Svoris	3,10kg