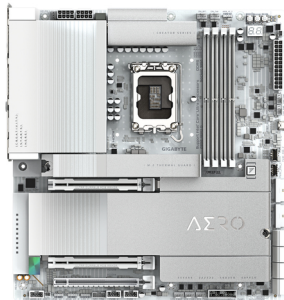**GIGABYTE**

GIGABYTE Z890 AERO D emaplaat Intel Z890 LGA 1851 (Socket V1) Laiendatud ATX

Brand : GIGABYTE   **Product code:** Z890 AERO D

Product name : Z890 AERO D

GIGABYTE Z890 AERO D. Protsessori tootja: Intel, Protsessori pesa: LGA 1851 (Socket V1), Ühilduvad protsessoriseeriad: Intel Core Ultra (Series 2). Toetatud mälutüübid: DDR5-SDRAM, Maksimaalne sisemälu: 256 GB, Mälupesa tüüp: DIMM. Kõvaketta ühenduse tüüp: M.2, SATA III, Toetatud ketaste tüübid: HDD & SSD, RAID-tasemed: 0, 1, 5, 10. Ethernet-liidese tüüp: 10 Gigabit Ethernet, LAN-kontroller: Marvell AQtion AQC113C, Wi-Fi standard: Wi-Fi 7 (802.11be). Komponent: PC, Emaplaadi kujutegur: Laiendatud ATX, Emaplaadi kiibistik: Intel

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel Core Ultra (Series 2)
Supported processor sockets	LGA 1851

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7800,7950,8200,8266,8400,8600,8800,8933,9066,9200,9333,9466,9500 MHz
Supported memory clock speed (max)	9500 MHz
Maximum internal memory *	256 GB
Unbuffered memory	✔
Maximum internal memory per slot	64 GB

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces *	M.2, SATA III
Number of HDDs supported	8
Number of storage drives supported	12
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
DirectX version	12.0

Internal I/O

USB 2.0 connectors *	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
USB 3.2 Gen 2x2 connectors	2
Number of SATA III connectors *	8
Front panel audio connector	✔

Network

Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
WLAN controller model	Intel Wi-Fi 7 BE200
Bluetooth	✔
Bluetooth version	5.4

Features

Motherboard chipset *	Intel Z890
Audio chip	ESS ES9260
Audio output channels *	2.0 channels
Product colour	White
PC health monitoring	Fan, Noise, Temperature, Voltage
Component for *	PC
Motherboard form factor *	Extended ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11 x64

Expansion slots

PCI Express x16 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	2
Number of M.2 (M) slots	4
1st M.2 largest key size	25110
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	25110
2nd M.2 highest PCI Express generation	4.0
3rd M.2 largest key size	22110
3rd M.2 highest PCI Express generation	4.0

Internal I/O

Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	2
Number of chassis fan connectors	6
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	2
TPM connector	✔
Thunderbolt headers	1
Number of water pump connectors	2
RGB LED pin header	✔
Number of RGB LED pin headers	4

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Ethernet LAN (RJ-45) ports *	2
HDMI ports quantity *	1
DisplayPorts quantity	1
Headphone outputs	1
Line-in	✔
Thunderbolt ports quantity	2
WiFi-AP antenna jack	2

Network

Ethernet LAN	✔
Ethernet interface type	10 Gigabit Ethernet
LAN controller	Marvell AQtion AQC113C
Wi-Fi *	✔

Expansion slots

4th M.2 largest key size	22110
4th M.2 highest PCI Express generation	4.0

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit
ACPI version	5.0
Clear CMOS jumper	✔
Clear CMOS button	✔
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Logistics data

Country of origin	China
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	400 mm
Package depth	335 mm
Package height	430 mm
Package weight	4 kg

Weight & dimensions

Width	305 mm
Depth	285 mm
Height	35 mm

Packaging content

Batteries included	✔
Antenna included	✔
Screws included	✔
Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software

Other features

Weight	3.42 kg

Technical details

Warranty period	3 year(s)

4719331865894