ASUS ROG MAXIMUS Z890 HERO BTF Intel Z890 LGA 1851 (Socket V1) ATX

Brand : ASUS

Product code: 90MB1KG0-M0EAY0

Product name : ROG MAXIMUS Z890 HERO BTF

LGA 1851 (Socket V1), Intel Z890 Chipset, 4 x DDR5-SDRAM up to 256GB, LAN, WLAN, 2 x RJ-45, 4 x SATA III, 6 x M.2(M), UEFI AMI, ATX
ASUS ROG MAXIMUS Z890 HERO BTF. Processor manufacturer: Intel, Processor socket: LGA 1851 (Socket V1), Compatible processor series: Intel Core Ultra (Series 2). Supported memory types: DDR5-SDRAM, Maximum internal memory: 256 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, 5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), Wi-Fi standards: Wi-Fi 7 (802.11be). Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: 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	Non-ECC
Maximum internal memory *	256 GB
Unbuffered memory	✔

Storage controllers

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

Graphics

Parallel processing technology support *	Not supported
On-board graphics card	✗

Internal I/O

USB 2.0 connectors *	2

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet, 5 Gigabit Ethernet
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Bluetooth	✔
Bluetooth version	5.4

Features

Motherboard chipset *	Intel Z890
Audio chip	Realtek ALC4082
Audio output channels *	7.1 channels
Product colour	Black
Component for *	PC
Motherboard form factor *	ATX
Motherboard chipset family *	Intel
Windows operating systems supported	Windows 11

Expansion slots

PCI Express x1 (Gen 4.x) slots	1
PCI Express x4 (Gen 4.x) slots	1
PCI Express x16 (Gen 5.x) slots	1
Number of M.2 (M) slots	6
1st M.2 largest key size	22110
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	2280

Internal I/O

USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
USB 3.2 Gen 2x2 connectors	1
Number of SATA III connectors *	4
Front panel audio connector	✔
Front panel connector	✔
ATX Power connector (24-pin)	✔
CPU fan connector	✔
Number of CPU fan connectors	2
Number of chassis fan connectors	4
Thunderbolt headers	1
12V power connector	✔

Rear panel I/O ports

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports *	2
HDMI ports quantity *	1
S/PDIF out port	✔
Thunderbolt ports quantity	2
WiFi-AP antenna jack	1

Expansion slots

2nd M.2 highest PCI Express generation	4.0
3rd M.2 largest key size	2280
3rd M.2 highest PCI Express generation	5.0
4th M.2 largest key size	2280
4th M.2 highest PCI Express generation	5.0
5th M.2 largest key size	2280
5th M.2 highest PCI Express generation	4.0
6th M.2 largest key size	2280
6th M.2 highest PCI Express generation	4.0

BIOS

BIOS type *	UEFI AMI
BIOS memory size	256 Mbit

Packaging data

Package width	370 mm
Package depth	312 mm
Package height	108 mm
Package weight	4.62 kg

Weight & dimensions

Width	305 mm
Depth	244 mm

Packaging content

Cables included	SATA
Antenna included	✔
Drivers included	✔

4711387847602