GIGABYTE

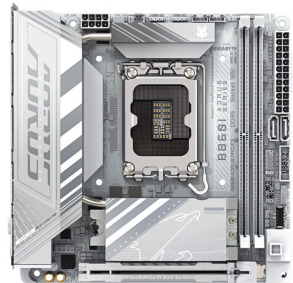# GIGABYTE B860I AORUS PRO ICE moederbord Intel B860 LGA 1851 (Socket V1) mini ITX

Merk : GIGABYTE

Productnaam : B860I AORUS PRO ICE

Artikelcode: B860I AORUS PRO ICE

GIGABYTE B860I AORUS PRO ICE. Processorfabrikant: Intel, Processor socket: LGA 1851 (Socket V1), Compatibele processors: Intel Core Ultra (Series 1), Intel Core Ultra (Series 2). Ondersteunde geheugen types: DDR5-SDRAM, Maximum intern geheugen: 128 GB, Geheugen slots type: DIMM. Ondersteunde opslagstationinterfaces: M.2, SATA III, Ondersteunde types opslag-drives: HDD & SSD, Soorten RAID: 0, 1, 5, 10. Maximum resolutie: 5120 x 2880 Pixels. Ethernet interface type: 2.5 Gigabit Ethernet, LAN controller: Realtek RTL8125, Wifi-standaard: Wi-Fi 7 (802.11be)

Processor

Processor manufacturer *	Intel
Processor socket *	LGA 1851 (Socket V1)
Compatible processor series *	Intel® Core™ Ultra (Series 1), Intel Core Ultra (Series 2)
Supported processor sockets	LGA 1851

Memory

Supported memory types *	DDR5-SDRAM
Number of memory slots *	2
Memory slots type	DIMM
Memory channels	Dual-channel
ECC compatibility	ECC & Non-ECC
Supported memory clock speeds	5600,6400,9200 MHz
Supported memory clock speed (max)	9200 MHz
Maximum internal memory *	128 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	2
Number of storage drives supported	4
RAID support	✔
RAID levels	0, 1, 5, 10

Graphics

Parallel processing technology support *	Not supported
Maximum resolution	5120 x 2880 pixels
HDCP	✔
DirectX version	12.0
Number of displays supported	3

Rear panel I/O ports

Digital audio optical out	1
Thunderbolt ports quantity	1
WiFi-AP antenna jack	2

Network

Ethernet LAN	✔
Ethernet interface type	2.5 Gigabit Ethernet
LAN controller	Realtek RTL8125
Wi-Fi *	✔
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 6E (802.11ax), Wi-Fi 7 (802.11be)
WLAN controller model	MediaTek MT7925
Bluetooth	✔
Bluetooth version	5.4

Features

Motherboard chipset *	Intel B860
Audio chip	Realtek ALC897
Audio output channels *	7.1 channels
Product colour	White
PC health monitoring	Fan, Temperature, Voltage, Water cooling
Component for *	PC
Motherboard form factor *	mini ITX
Motherboard chipset family *	Intel
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 11 x64

Expansion slots

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

Internal I/O

USB 2.0 connectors *	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1
Number of SATA III connectors *	2
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	1
EPS power connector (8-pin)	✔
Number of EPS power connectors (8-pin)	1
TPM connector	✔
Number of water pump connectors	1
RGB LED pin header	✔
Number of RGB LED pin headers	2

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 *	3
Ethernet LAN (RJ-45) ports *	1
HDMI ports quantity *	1
HDMI version	2.1
DisplayPorts quantity	1
DisplayPort version	2.1
Headphone outputs	1
Line-in	✔
S/PDIF out port	✔

Expansion slots

1st M.2 largest key size	2280
1st M.2 highest PCI Express generation	5.0
2nd M.2 largest key size	2280
2nd 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	✔
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	235 mm
Package depth	227 mm
Package height	95 mm

Weight & dimensions

Width	170 mm
Depth	170 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	1.3 kg

Technical details

Warranty period	3 year(s)

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