GIGABYTE B550M DS3H motherboard

Artikel	116745
Herstellernummer	B550M DS3H
EAN	0889523022917
GIGABYTE	

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

Zusammenfassung

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GIGABYTE B550M DS3H Motherboard - AMD Ryzen 5000 CPUs, 5+3 Phases VRM, up to 4733MHz DDR4, 1xPCIe 4.0 + 1xPCIe 3.0 M.2, 1GbE LAN, USB 3.2 Gen 1, AMD, Socket AM4, AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series, Socket AM4, DDR4-SDRAM, 128 GB

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Merkmale

Other features

Weight	630 g

Technical details

Warranty period	3 year(s)

Processor

Processor manufacturer	AMD
Processor socket	Socket AM4
Compatible processor series	AMD Ryzen 3000 Series, AMD Ryzen 4000 Series, AMD Ryzen 5000 Series
Maximum number of SMP processors	1
Supported processor sockets	Socket AM4

Logistics data

Country of origin	China
Products per shipping (inner) case	1 pc(s)
Harmonized System (HS) code	84733020

Packaging content

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

Weight & dimensions

Width	244 mm
Depth	244 mm
Height	35 mm

Graphics

Parallel processing technology support	Not supported
Maximum resolution	4096 x 2160 pixels
HDCP	Yes
DirectX version	12.0

Network

Ethernet LAN	Yes
Ethernet interface type	Gigabit Ethernet
LAN controller	Realtek RTL8111H
Wi-Fi	No

Packaging data

Package width	265 mm
Package depth	265 mm
Package height	54 mm
Package weight	927 g

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

BIOS

BIOS type	UEFI AMI
BIOS memory size	128 Mbit
ACPI version	5.0
Clear CMOS jumper	Yes
Desktop Management Interface (DMI) version	2.7
System Management BIOS (SMBIOS) version	2.7

Storage controllers

Supported storage drive types	HDD & SSD
Supported storage drive interfaces	SATA III
Number of HDDs supported	4
Number of storage drives supported	6
RAID support	Yes
RAID levels	0, 1, 10

Expansion slots

PCI Express x1 (Gen 3.x) slots	1
PCI Express x16 (Gen 3.x) slots	1
PCI Express x16 (Gen 4.x) slots	1
Number of M.2 (M) slots	2
1st M.2 largest key size	22110
1st M.2 highest PCI Express generation	4.0
2nd M.2 largest key size	2280
2nd M.2 highest PCI Express generation	3.0

Memory

Supported memory types	DDR4-SDRAM
Number of memory slots	4
Memory slots type	DIMM
Memory channels	Dual-channel
ECC ?ompatibility	ECC & Non-ECC
Supported memory clock speeds	4733,4600,4400,4266,4133,4000,3866,3733,3600,3466,3400,3200,2933,2667,2400,2133 MHz
Supported memory clock speed (max)	4733 MHz
Maximum internal memory	128 GB
Unbuffered memory	Yes
Maximum internal memory per slot	32 GB

Rear panel I/O ports

USB 2.0 ports quantity	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
Ethernet LAN (RJ-45) ports	1
PS/2 ports quantity	1
HDMI ports quantity	1
HDMI version	2.1

DVI-D ports quantity	1
Headphone outputs	1
Line-in	Yes
Microphone in	Yes

Features

Motherboard chipset	AMD B550
Audio chip	Realtek ALC897
Audio output channels	7.1 channels
Product colour	Brown
PC health monitoring	Fan, Temperature, Voltage
Component for	PC
Motherboard form factor	micro ATX
Motherboard chipset family	AMD
Cooling type	Passive
Power source type	ATX
Windows operating systems supported	Windows 10 x64, Windows 11 x64

Internal I/O

USB 2.0 connectors	1
USB 3.2 Gen 1 (3.1 Gen 1) 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 CPU fan connectors	1
Number of chassis fan connectors	2
EPS power connector (8-pin)	Yes
Number of EPS power connectors (8-pin)	1
TPM connector	Yes
Serial port headers	1
12V power connector	Yes
Number of water pump connectors	2
RGB LED pin header	Yes
Number of RGB LED pin headers	5