

## GIGABYTE B650M D3HP AX Motherboard - Supports AMD AM5 CPUs, 5+2+2 Phases Digital VRM, up to 7600MHz DDR5 (OC), 2xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 1

**Brand :** GIGABYTE

**Product code:** B650M D3HP AX

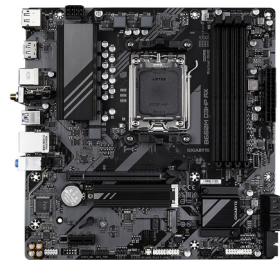
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Micro ATX, Socket AM5, AMD B650 chipset, 4x DDR5 DIMM, 7.1-ch audio, Wi-Fi 6E, Bluetooth 5.3, AMI UEFI BIOS

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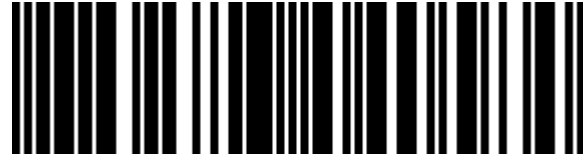


Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	Headphone outputs	1
Processor socket *	Socket AM5	Microphone in	✓
Compatible processor series *	AMD Ryzen™ 3, AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen	USB connector type	USB Type-A, USB Type-C
Maximum number of SMP processors	1	<b>Network</b>	
Supported processor sockets	Socket AM5	Ethernet LAN	✓
<b>Memory</b>		Ethernet interface type	2.5 Gigabit Ethernet
Supported memory types *	DDR5-SDRAM	LAN controller	Realtek RTL8125
Number of memory slots *	4	Wi-Fi *	✓
Memory slots type	DIMM	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Memory channels	Dual-channel	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)
Non-ECC	✓	WLAN controller model	Realtek RTL8852CE
Supported memory clock speeds	4800,5200,5600,6000,6200,6400,6600,6800,7000,7200,7600 MHz	Bluetooth	✓
Supported memory clock speed (max)	7600 MHz	Bluetooth version	5.3
Maximum internal memory *	192 GB	<b>Features</b>	
Unbuffered memory	✓	Motherboard chipset *	AMD B650
<b>Storage controllers</b>		Audio chip	Realtek ALC897
Supported storage drive types	HDD & SSD	Audio output channels *	7.1 channels
Supported storage drive interfaces *	M.2, SATA III	Product colour	Brown
Number of HDDs supported	4	PC health monitoring	Fan, Temperature, Voltage
Number of storage drives supported	6	Component for *	PC
RAID support	✓	Motherboard form factor *	micro ATX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
<b>Graphics</b>		Windows operating systems supported	Windows 10 x64, Windows 11 x64
Parallel processing technology support *	Not supported	<b>Expansion slots</b>	
Maximum resolution	4096 x 2160 pixels	PCI Express x1 (Gen 3.x) slots	1
HDCP	✓	PCI Express x16 (Gen 4.x) slots	1
DirectX version	12.0	Number of M.2 (M) slots	2
Discrete graphics support	✓	<b>BIOS</b>	
Number of displays supported	3	BIOS type *	UEFI AMI

Internal I/O		BIOS	
USB 2.0 connectors *	2	BIOS memory size	256 Mbit
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	ACPI version	5.0
Number of SATA III connectors *	4	Clear CMOS jumper	✓
Front panel audio connector	✓	Clear CMOS button	✓
Front panel connector	✓	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)	✓	System Management BIOS (SMBIOS) version	2.7
Number of EATX power connectors	1	<b>Logistics data</b>	
CPU fan connector	✓	Country of origin	China
Number of chassis fan connectors	2	Products per shipping (inner) case	1 pc(s)
EPS power connector (8-pin)	✓	<b>Battery</b>	
TPM connector	✓	Battery weight	3 g
12V power connector	✓	Lithium weight per battery	0.07 g
RGB LED pin header	✓	Number of battery cells	1
<b>Rear panel I/O ports</b>		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 ports quantity *	2	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	<b>Packaging data</b>	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Package width	270 mm
Ethernet LAN (RJ-45) ports *	1	Package depth	268 mm
PS/2 ports quantity	1	Package height	68 mm
HDMI ports quantity *	1	Package weight	1.7 kg
HDMI version	2.1	<b>Weight &amp; dimensions</b>	
DisplayPorts quantity	2	Width	244 mm
DisplayPort version	1.4	Depth	244 mm
		Height	35 mm
		<b>Packaging content</b>	
		Cables included	SATA
		Batteries included	✓
		Antenna included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		<b>Technical details</b>	
		Warranty period	3 year(s)



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