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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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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 technology.





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

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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	4
Front panel audio connector	4	Clear CMOS button	4
Front panel connector	4	Desktop Management Interface (DMI) version	2.7
ATX Power connector (24-pin)		System Management BIOS	
Number of EATX power connectors	1	(SMBIOS) version	2.7
CPU fan connector	-	Logistics data	
Number of chassis fan connectors	2	Country of origin	China
EPS power connector (8-pin)	1	Products per shipping (inner) case	1 pc(s)
TPM connector	1		1 μc(3)
12V power connector	1	Battery	
RGB LED pin header	4	Battery weight	3 g
Rear panel I/O ports		Lithium weight per battery	0.07 g
USB 2.0 ports quantity *	2	Number of battery cells	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
ports quantity *	3	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Packaging data	
Ethernet LAN (RJ-45) ports *	1	Package width	270 mm
PS/2 ports quantity	1	Package depth	268 mm
HDMI ports quantity *	1	Package height	68 mm
HDMI version	2.1	Package weight	1.7 kg
DisplayPorts quantity	2	Weight & dimensions	
DisplayPort version	1.4	Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	√

Antenna included

Bundled software

Technical details Warranty period 1

3 year(s)

Norton® Internet Security (OEM version) LAN bandwidth management software





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