

Gigabyte B450M K Motherboard - Supports AMD Series 5000 CPUs, up to 3600MHz DDR4 (OC), 1xPCIe 3.0 x4 M.2, GbE LAN, USB 3.2 Gen 1

Brand : Gigabyte

Product code: B450M K

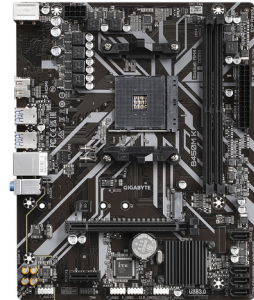
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AMD B450, AM4, 2x DDR4 DIMM, M.2, SATA III, USB 3.1, Micro ATX, 244x195 mm

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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 *	AMD	HDMI version	2.0
Processor socket *	Socket AM4	Network	
Compatible processor series *	AMD Athlon, AMD Ryzen™ 3, 2nd Generation AMD Ryzen™ 3, 3rd Generation AMD Ryzen™ 3, AMD Ryzen™ 5, 2nd Generation AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5, AMD Ryzen™ 7, 2nd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 7, 3rd Generation AMD Ryzen™ 9	Ethernet LAN	✓
		Ethernet interface type	Gigabit Ethernet
Maximum number of SMP processors	1	Wi-Fi *	✗
Supported processor sockets	Socket AM4	Features	
Memory		Motherboard chipset *	AMD B450
Supported memory types *	DDR4-SDRAM	Audio output channels *	7.1 channels
Number of memory slots *	2	Product colour	Brown
Memory slots type	DIMM	PC health monitoring	Fan, Temperature, Voltage
Memory channels	Dual-channel	Component for *	PC
ECC	✓	Motherboard form factor *	micro ATX
Non-ECC	✓	Motherboard chipset family *	AMD
Supported memory clock speeds	2133,2400,2667,2933,3466,3600 MHz	Expansion slots	
Supported memory clock speed (max)	3600 MHz	PCI Express x1 (Gen 2.x) slots	2
Maximum internal memory *	64 GB	PCI Express x16 (Gen 3.x) slots	1
Unbuffered memory	✓	Number of M.2 (M) slots	1
Storage controllers		BIOS	
Supported storage drive interfaces *	SATA III	BIOS type *	UEFI AMI
RAID levels	0, 1, 10	BIOS memory size	128 Mbit
Graphics		ACPI version	5.0
Maximum graphics card memory	16000 MB	Clear CMOS jumper	✓
Parallel processing technology support *	Not supported	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)

Graphics		Battery	
Maximum resolution	4096 x 2160 pixels	Battery weight	3 g
HDCP	✓	Lithium weight per battery	0.07 g
DirectX version	12.0	Number of battery cells	1
Internal I/O		Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 2.0 connectors *	2	Battery type	CR2032
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Packaging data	
Number of SATA III connectors *	4	Package width	265 mm
S/PDIF out connector	✓	Package depth	235 mm
Audio connector	✓	Package height	52 mm
Front panel audio connector	✓	Package weight	754 g
Front panel connector	✓	Weight & dimensions	
ATX Power connector (24-pin)	✓	Width	233 mm
CPU fan connector	✓	Depth	198 mm
Number of chassis fan connectors	1	Height	35 mm
Chassis intrusion connector	✓	Packaging content	
TPM connector	✓	Cables included	SATA
12V power connector	✓	Batteries included	✓
RGB LED pin header	✓	Drivers included	✓
Rear panel I/O ports		Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
USB 2.0 ports quantity *	2	Technical details	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Warranty period	3 year(s)
Ethernet LAN (RJ-45) ports *	1		
PS/2 ports quantity	2		
HDMI ports quantity *	1		



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