

Gigabyte B450M K (rev. 1.0) AMD B450 Socket AM4 micro ATX

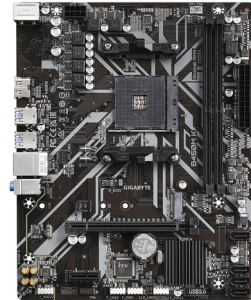
Brand : Gigabyte

Product code: B450M K

Product name : B450M K (rev. 1.0)

- Supports AMD Ryzen™ 5000 series / Ryzen™ 5000 G-Series/ 3rd Gen Ryzen™ / 2nd Gen Ryzen™ / 1st Gen Ryzen™ / 2nd Gen Ryzen™ with Radeon™ Vega Graphics/ 1st Gen Ryzen™ with Radeon™ Vega Graphics/ Athlon™ with Radeon™ Vega Graphics Processors
- Dual Channel Non-ECC Unbuffered DDR4, 2 DIMMs
- PCIe Gen3 x4 M.2 with PCIe NVMe & SATA mode support
- GbE LAN with Bandwidth Management
- 8-Channel HD Audio with High Quality Audio Capacitors
- Smart Fan 5 features 5 Temperature Sensors and 2 Hybrid Fan Headers
- GIGABYTE APP Center, Simple and Easy Use

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



Processor		Internal I/O	
Processor manufacturer *	AMD	RGB LED pin header	✓
Processor socket *	Socket AM4	Rear panel I/O ports	
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	USB 2.0 ports quantity *	2
		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
		Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	PS/2 ports quantity	2
Memory		HDMI ports quantity *	1
Supported memory types *	DDR4-SDRAM	HDMI version	2.0
Number of memory slots *	2	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	Gigabit Ethernet
ECC	✓	Wi-Fi *	✗
Non-ECC	✓	Features	
Supported memory clock speeds	2133,2400,2667,2933,3466,3600 MHz	Motherboard chipset *	AMD B450
Maximum internal memory *	64 GB	Audio output channels *	7.1 channels
Unbuffered memory	✓	PC health monitoring	Fan, Temperature, Voltage
Storage controllers		Component for *	PC
Supported storage drive interfaces *	SATA III	Motherboard form factor *	micro ATX
RAID levels	0, 1, 10	Motherboard chipset family *	AMD
Graphics		Expansion slots	
Maximum graphics card memory	16000 MB	PCI Express x1 (Gen 2.x) slots	2
Parallel processing technology support *	Not supported	PCI Express x16 (Gen 3.x) slots	1
Maximum resolution	4096 x 2160 pixels	Number of M.2 (M) slots	1
HDCP	✓	BIOS	
		BIOS type *	UEFI AMI
		BIOS memory size	128 Mbit
		ACPI version	5.0
		Clear CMOS jumper	✓
		Desktop Management Interface (DMI) version	2.7

Internal I/O		BIOS	
USB 2.0 connectors *	2	System Management BIOS (SMBIOS) version	2.7
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Weight & dimensions	
Number of SATA III connectors *	4	Width	244 mm
S/PDIF out connector	✓	Depth	195 mm
Audio connector	✓	Packaging content	
Front panel audio connector	✓	Cables included	SATA
Front panel connector	✓	Drivers included	✓
ATX Power connector (24-pin)	✓	Bundled software	Norton Internet Security (OEM version) LAN bandwidth management software
CPU fan connector	✓		
Number of chassis fan connectors	1		
Chassis intrusion connector	✓		
TPM connector	✓		
12V power connector	✓		



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Publication date: 10-FEB-2023. Prints or copies of Information are only valid on the printed Publication date