## Gigabyte B650M K motherboard AMD B650 Socket AM5 micro ATX

**Brand :** Gigabyte **Product code:** B650M K

Product name: B650M K

- AMD Socket AM5∏Supports AMD Ryzen™ 7000 Series Processors
- Unparalleled Performance 8+2+1 Phases Digital VRM Solution
- Dual Channel DDR5□4\*SMD DIMMs with AMD EXPO™ & Intel® XMP Memory Module Support
- SuperSpeed Storage 2\*PCle 4.0 x4 M.2 Connectors
- Advanced Thermal Design & M.2 Thermal Guard∏To Ensure VRM Power Stability & 25110 M.2 SSD Performance
- PCle x16 EZ-Latch with Quick Release & Screwless Design
- Fast Networks 2.5GbE LAN
- Extended Connectivity  $\ \Box DP,\ HDMI,\ USB-C \ @ \ 10Gb/s$
- Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
- Q-Flash Plus $\square$ Update BIOS Without Installing the CPU, Memory and Graphics Card Micro ATX, AMD Socket AM5, 4 x DDR5, 1 x DisplayPort, 1 x HDMI





Processor		Rear panel I/O ports	
Processor manufacturer *	AMD	USB 2.0 ports quantity *	4
Processor socket *	Socket AM5  AMD Ryzen™ 5, 2nd Generation	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen™ 5, 3rd Generation AMD Ryzen 5, AMD Ryzen 5 5th Gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Supported processor sockets	Socket AM5	Ethernet LAN (RJ-45) ports *	1
Memory		PS/2 ports quantity	1
Supported memory types *	DDR5-SDRAM	HDMI ports quantity *	1
Number of memory slots *	4	HDMI version	2.1
Memory slots type	DIMM	DisplayPorts quantity	2
Memory channels	Dual-channel	DisplayPort version	1.4
Non-ECC	✓	Headphone outputs	3
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400 MHz	Microphone in USB connector type	✓ USB Type-A, USB Type-C
Supported memory clock speed (max)	6400 MHz	Network	озы турс-и, озы турс-с
Maximum internal memory *	128 GB	Ethernet LAN	1
Unbuffered memory	✓	Ethernet interface type	2.5 Gigabit Ethernet
Storage controllers		Wi-Fi *	×
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces	* M.2, PCI Express 4.0, SATA III	Motherboard chipset *	AMD B650
Number of storage drives supported	d 6	Audio output channels *	7.1 channels
RAID support	✓	PC health monitoring	Fan, Temperature, Voltage
RAID levels	0, 1, 10	Component for *	PC
Graphics		Motherboard form factor *	micro ATX
Maximum resolution	4096 x 2160 pixels	Motherboard chipset family *	AMD
HDCP	✓	Windows operating systems	Windows 10 x64, Windows 11 x64
HDCP Number of displays supported	•	supported	Windows 10 x64, Windows 11 x64
	✓	supported  Expansion slots	·
Number of displays supported	✓	supported	Windows 10 x64, Windows 11 x64  1 1

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Number of M.2 (M) slots	2
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	BIOS	
		BIOS type *	UEFI AMI
Number of SATA III connectors *	4	BIOS memory size	256 Mbit
Front panel audio connector	✓	ACPI version	5.0
Front panel connector	✓	Clear CMOS jumper	✓
ATX Power connector (24-pin)	✓	Desktop Management Interface (DMI) version System Management BIOS (SMBIOS) version	2.7
CPU fan connector	✓		
EPS power connector (8-pin)	✓		
TPM connector	✓		
Serial port headers	1	Weight & dimensions	
12V power connector	✓	Width	244 mm
RGB LED pin header	1	Depth	244 mm
		Packaging content	
		Cables included	SATA





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