

Gigabyte B650M K motherboard AMD B650 Socket AM5 micro ATX

Brand : Gigabyte
Product name : B650M K
Product code: 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*PCIe 4.0 x4 M.2 Connectors
 - Advanced Thermal Design & M.2 Thermal Guard To Ensure VRM Power Stability & 25110 M.2 SSD Performance
 - PCIe x16 EZ-Latch with Quick Release & Screwless Design
 - Fast Networks 2.5GbE LAN
 - Extended Connectivity DP, HDMI, USB-C® 10Gb/s
 - Smart Fan 6 Features Multiple Temperature Sensors, Hybrid Fan Headers with FAN STOP
 - Q-Flash Plus 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	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	AMD Ryzen™ 5, 2nd Generation	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1
	AMD Ryzen™ 5, 3rd Generation	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Supported processor sockets	AMD Ryzen 5, AMD Ryzen 5 5th Gen, AMD Ryzen 7 7th Gen, AMD Ryzen 9 7th Gen	Ethernet LAN (RJ-45) ports *	1
	Socket AM5	PS/2 ports quantity	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR5-SDRAM	HDMI version	2.1
Number of memory slots *	4	DisplayPorts quantity	2
Memory slots type	DIMM	DisplayPort version	1.4
Memory channels	Dual-channel	Headphone outputs	3
Non-ECC	✓	Microphone in	✓
Supported memory clock speeds	4400,4800,5200,5600,6000,6200,6400 MHz	USB connector type	USB Type-A, USB Type-C
Supported memory clock speed (max)	6400 MHz	Network	
Maximum internal memory *	128 GB	Ethernet LAN	✓
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	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 supported	Windows 10 x64, Windows 11 x64
Number of displays supported	3	Expansion slots	
Internal I/O		PCI Express x1 slots	1
USB 2.0 connectors *	1	PCI Express x16 slots	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	
Number of SATA III connectors *	4	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
Front panel connector	✓	ACPI version	5.0
ATX Power connector (24-pin)	✓	Clear CMOS jumper	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
EPS power connector (8-pin)	✓	System Management BIOS (SMBIOS) version	2.7
TPM connector	✓	Weight & dimensions	
Serial port headers	1	Width	244 mm
12V power connector	✓	Depth	244 mm
RGB LED pin header	✓	Packaging content	
		Cables included	SATA



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