

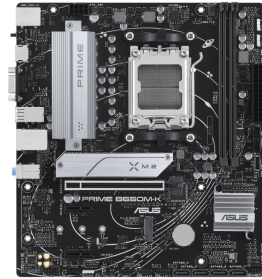
## ASUS PRIME B650M-K AMD B650 Socket AM5 micro ATX

**Brand :** ASUS

**Product code:** 90MB1F60-M0EAY0

**Product name :** PRIME B650M-K

- AMD AM5 Socket: Ready for AMD Ryzen™ 7000 Series Desktop Processors
  - Ultrafast Connectivity: M.2 PCIe 5.0, Realtek 2.5Gb Ethernet, USB 3.2 Gen 2 ports, front USB 3.2 Gen 1 Type-C®
  - ASUS OptiMem II: Careful routing of traces and vias, plus ground layer optimizations to preserve signal integrity for improved memory overclocking
  - Comprehensive Cooling: VRM heatsink, M.2 heatsink, PCH heatsink, hybrid fan headers and Fan Xpert 2+
  - Aura Sync RGB Lighting: Onboard Addressable Gen 2 headers and Aura RGB header for RGB LED strips, easily synced with Aura Sync-capable hardware
- AMD B650 Micro-ATX motherboard with DDR5, PCIe 5.0 M.2, 2.5Gb Ethernet, HDMI, VGA, rear USB 3.2 Gen 2, front USB 3.2 Gen 1 Type-C, BIOS FlashBack, Aura Sync



Processor		Internal I/O	
Processor manufacturer *	AMD	12V power connector	✓
Processor socket *	Socket AM5	RGB LED pin header	✓
Compatible processor series *	AMD Ryzen™ 5, AMD Ryzen™ 7, AMD Ryzen 9 7th Gen	Rear panel I/O ports	
Supported processor sockets	Socket AM5	USB 2.0 ports quantity *	4
Memory		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Supported memory types *	DDR5-SDRAM	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	2
Number of memory slots *	2	Ethernet LAN (RJ-45) ports *	1
Memory slots type	DIMM	PS/2 ports quantity	1
Memory channels	Dual-channel	VGA (D-Sub) ports quantity *	1
ECC	✓	HDMI ports quantity *	1
Non-ECC	✓	Headphone outputs	1
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Line-in	✓
Supported memory clock speed (max)	6400 MHz	Microphone in	✓
Maximum internal memory *	96 GB	Network	
Unbuffered memory	✓	Ethernet LAN	✓
Storage controllers		Ethernet interface type	2.5 Gigabit Ethernet
Supported storage drive types	HDD & SSD	Wi-Fi *	✗
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	AMD B650
Number of storage drives supported	6	Audio output channels *	7.1 channels
RAID support	✓	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
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x1 (Gen 4.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 4.x) slots	2
Number of SATA III connectors *	4	Number of M.2 (M) slots	2
S/PDIF out connector	✓		

Internal I/O		BIOS	
Audio connector	✓	BIOS type *	UEFI AMI
Front panel audio connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	<b>Packaging data</b>	
CPU fan connector	✓	Package width	260 mm
Number of chassis fan connectors	2	Package depth	270 mm
EPS power connector (8-pin)	✓	Package height	51.5 mm
Number of COM connectors	1	Package weight	1.07 kg
TPM connector	✓	<b>Weight &amp; dimensions</b>	
		Width	244 mm
		Depth	221 mm
		<b>Packaging content</b>	
		Cables included	SATA



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