

GIGABYTE B850M FORCE Motherboard - AMD Ryzen 9000 Series CPUs, 8+2+2 Phases Digital VRM, up to 9600MHz DDR5 (OC), 1xPCIe 5.0 + 2xPCIe 4.0 M.2, 2.5 GbE LAN, USB 3.2 Gen 2



Brand : GIGABYTE

Product code: B850M FORCE

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- X3D Turbo Mode to unleash new era gaming performance
- AMD Socket AM5: Supports AMD Ryzen 9000/8000/ 7000 Series Processors
- Digital 8+2+2 phases VRM solution
- Dual Channel DDR5: 2*DIMMs with AMD EXPO Memory Module Support
- EZ-Latch: PCIe x16 Slot with Quick Release Design
- Friendly UI: Multi-Theme, AIO Fan Control, and Q-Flash Auto Scan in BIOS and SW
- Ultra-Fast Storage: 3*M.2 slots, including 1* PCIe 5.0 x4
- Fast Networking: 2.5GbE LAN
- Extended Connectivity: DP, HDMI

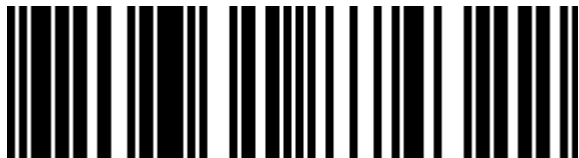
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Elevate your computing experience with GIGABYTE's renowned motherboard series: AORUS, AERO, and GIGABYTE. Featuring innovative designs and advanced features, these boards offer exceptional performance and reliability. Whether you're a gamer, content 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	Headphone outputs	1
Processor socket *	Socket AM5	Line-in	✓
Compatible processor series *	AMD Ryzen 7000 Series, AMD Ryzen 8000 Series, AMD Ryzen 9000 Series	Microphone in	✓
Supported processor sockets	Socket AM5	Network	
Memory Supported memory types * Number of memory slots * Memory slots type Memory channels ECC compatibility Supported memory clock speeds Supported memory clock speed (max) Maximum internal memory * Unbuffered memory Maximum internal memory per slot	DDR5-SDRAM	Ethernet LAN	✓
	2	Ethernet interface type	2.5 Gigabit Ethernet
	DIMM	LAN controller	Realtek RTL8125
	Dual-channel	Wi-Fi *	✗
	Non-ECC	Features	
	4400, 4800, 5200, 5600, 6000, 6200, 6400, 6600, 6666, 6800, 7000, 7200, 7600, 7800, 8000, 8200, 8400, 8600, 8800, 9200, 9600 MHz	Motherboard chipset *	AMD B850
	9600 MHz	Audio chip	Realtek ALC897
Storage controllers		Audio output channels *	7.1 channels
Supported storage drive types	HDD & SSD	Product colour	Dark brown
Supported storage drive interfaces *	M.2, PCI Express 4.0, PCI Express 5.0, SATA III	PC health monitoring	Fan, Temperature, Voltage, Water cooling
Number of HDDs supported	4	Component for *	PC
Number of storage drives supported	7	Motherboard form factor *	micro ATX
RAID support	✓	Motherboard chipset family *	AMD
RAID levels	0, 1, 5, 10	Cooling type	Passive
Graphics		Power source type	ATX
Parallel processing technology support *	Not supported	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Maximum resolution	4096 x 2160 pixels	Expansion slots	
HDCP	✓	PCI Express x16 (Gen 4.x) slots	1
DirectX version	12.0	PCI Express x16 (Gen 5.x) slots	1
Internal I/O		Number of M.2 (M) slots	3
USB 2.0 connectors *	2	1st M.2 largest key size	2280

Internal I/O		Expansion slots	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	1st M.2 highest PCI Express generation	5.0
Number of SATA III connectors *	4	2nd M.2 largest key size	2280
Front panel audio connector	✓	2nd M.2 highest PCI Express generation	4.0
Front panel connector	✓	3rd M.2 largest key size	2280
ATX Power connector (24-pin)	✓	3rd M.2 highest PCI Express generation	4.0
CPU fan connector	✓	BIOS	
Number of CPU fan connectors	2	BIOS type *	UEFI AMI
Number of chassis fan connectors	2	BIOS memory size	256 Mbit
EPS power connector (8-pin)	✓	ACPI version	5.0
Number of EPS power connectors (8-pin)	1	Clear CMOS jumper	✓
TPM connector	✓	Desktop Management Interface (DMI) version	2.7
12V power connector	✓	System Management BIOS (SMBIOS) version	2.7
Number of water pump connectors	2	Logistics data	
RGB LED pin header	✓	Country of origin	China
Number of RGB LED pin headers	4	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 2.0 ports quantity *	2	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Lithium weight per battery	0.07 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Number of battery cells	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
PS/2 ports quantity	1	Packaging data	
HDMI ports quantity *	1	Package width	270 mm
HDMI version	2.1	Package depth	268 mm
DisplayPorts quantity	1	Package height	68 mm
DisplayPort version	1.4	Package weight	1.4 kg
		Weight & dimensions	
		Width	244 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Batteries included	✓
		Screws included	✓
		Bundled software	Norton® Internet Security (OEM version)
		Other features	
		Weight	1.18 kg
		Technical details	
		Warranty period	3 year(s)



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Catalog Object Cloud



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