

GIGABYTE B760 AORUS MASTER DDR4 Motherboard - Supports Intel Core 14th Gen CPUs, 16*+1+1 Phases Digital VRM, up to 5333MHz DDR4 (OC), 3xPCIe 4.0 M.2, Wi-Fi 6E, 2.5GbE LAN, USB 3.2 Gen 2

Brand : GIGABYTE

Product code: B760 AORUS MASTER DDR4

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LGA1700, B760, ATX, 4 x SATA 6Gb/s, Wi-Fi, 1 x HDMI, 1 x DisplayPort

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Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2x2 Type-C ports quantity	1
Processor socket *	LGA 1700	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3,	HDMI ports quantity *	1
	Intel® Core™ i5, Intel® Core™ i7,	HDMI version	2.0
	Intel® Core™ i9, Intel® Pentium® Gold	DisplayPorts quantity	1
Supported processor sockets	LGA 1700	DisplayPort version	1.2
Maximum internal memory supported by processor	128 GB	Headphone outputs	2
Memory		Line-in	✓
Supported memory types *	DDR4-SDRAM	S/PDIF out port	✓
Number of memory slots *	2	WiFi-AP antenna jack	2
Memory slots type	DIMM	USB connector type	USB Type-A, USB Type-C
Memory channels	Dual-channel	Network	
ECC compatibility	ECC & Non-ECC	Ethernet LAN	✓
Supported memory clock speeds	2133,2400,2666,2933,3000,3200,3300,3333,3400,3466,3600,3666,3733,3800,3866,4000,4133,4266,4300,4400,4500,4600,4700,4800,4933,5000,5133,5333 MHz	Ethernet interface type	2.5 Gigabit Ethernet
Supported memory clock speed (max)	5333 MHz	Wi-Fi *	✓
Maximum internal memory *	128 GB	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Supported memory module capacities	1GB, 2GB, 8GB, 12GB, 16GB, 32GB	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax)
Unbuffered memory	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Storage controllers		Bluetooth	✓
Supported storage drive types	HDD & SSD	Bluetooth version	5.3
Supported storage drive interfaces *	M.2, SATA III	Features	
Number of HDDs supported	4	Motherboard chipset *	Intel B760 Express
Number of storage drives supported	7	Audio chip	Realtek ALC1220-VB
RAID support	✓	Audio output channels *	7.1 channels
RAID levels	0, 1, 5, 10	Product colour	Brown
Graphics		PC health monitoring	Fan, Temperature, Voltage, Water cooling
Parallel processing technology support *	Not supported	Component for *	PC
On-board graphics card	✓	Motherboard form factor *	ATX
Graphics card family	Intel	Motherboard chipset family *	Intel
Graphics card	HD Graphics		
Maximum resolution	4096 x 2304 pixels		
HDCP	✓		
DirectX version	12.0		
Internal I/O			
USB 2.0 connectors *	2		

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Windows operating systems supported	Windows 10 x64, Windows 11 x64
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Expansion slots	
Number of SATA III connectors *	4	PCI Express x16 slots	1
Number of SATA connectors	4	Number of M.2 (M) slots	3
Total number of SATA connectors	4	BIOS	
Audio connector	✓	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	✓
Power fan connector	✓	Clear CMOS button	✓
CPU fan connector	✓	Desktop Management Interface (DMI) version	2.7
Number of chassis fan connectors	4	System Management BIOS (SMBIOS) version	2.7
Chassis intrusion connector	✓	Logistics data	
EPS power connector (8-pin)	✓	Country of origin	Taiwan
TPM connector	✓	Products per shipping (inner) case	1 pc(s)
Thunderbolt headers	2	Battery	
12V power connector	✓	Battery weight	3 g
RGB LED pin header	✓	Lithium weight per battery	0.07 g
Rear panel I/O ports		Number of battery cells	1
USB 2.0 ports quantity *	4	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery type	CR2032
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1	Packaging data	
		Package width	335 mm
		Package depth	270 mm
		Package height	80 mm
		Package weight	2.44 kg
		Weight & dimensions	
		Width	305 mm
		Depth	244 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Other features	
		Special features	Support for Q-Flash Support for Q-Flash Plus
		Technical details	
		Warranty period	3 year(s)



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