

GIGABYTE Z790 AORUS MASTER X placa base Intel Z790 Express LGA 1700 ATX extendida

Marca : GIGABYTE

Código del producto: Z790 AORUS MASTER X

Nombre del producto : Z790 AORUS MASTER X

GIGABYTE Z790 AORUS MASTER X. Fabricante de procesador: Intel, Socket de procesador: LGA 1700, Procesador compatible: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... tipos de memoria compatibles: DDR5-SDRAM, Memoria interna máxima: 192 GB, Tipo de ranuras de memoria: DIMM. Interfaces de disco de almacenamiento soportados: M.2, SATA III, Tipos de unidades de almacenamiento admitidas: HDD & SSD, Niveles RAID: 0, 1, 5, 10. Máxima resolución: 4096 x 2304 Pixeles. Tipo de conector USB: USB tipo A, USB Tipo C



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Headphone outputs	1
Processor socket *	LGA 1700	Microphone in	✓
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold	S/PDIF out port	✓
		Digital audio optical out	1
Maximum number of SMP processors	1	Wi-Fi-AP antenna jack	2
Supported processor sockets	LGA 1700	USB connector type	USB Type-A, USB Type-C
Maximum internal memory supported by processor	192 GB	Network	
Memory		Ethernet LAN	✓
Supported memory types *	DDR5-SDRAM	Ethernet interface type	10 Gigabit Ethernet
Number of memory slots *	4	LAN controller	Marvell AQtion AQC113C
Memory slots type	DIMM	Wi-Fi *	✓
Memory channels	Dual-channel	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
ECC compatibility	ECC & Non-ECC	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 7 (802.11be)
Supported memory clock speeds	4000,4800,5200,5400,5600,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800,7900,7950,8000,8200,8266 MHz		
Supported memory clock speed (max)	8266 MHz	Bluetooth	
Maximum internal memory *	192 GB	Bluetooth	✓
Unbuffered memory	✓	Bluetooth version	5.3
Storage controllers		Features	
Supported storage drive types	HDD & SSD	Motherboard chipset *	Intel Z790 Express
Supported storage drive interfaces *	M.2, SATA III	Audio chip	Realtek ALC1220-VB
Number of HDDs supported	4	Audio output channels *	7.1 channels
Number of storage drives supported	9	Product colour	Black
RAID support	✓	PC health monitoring	Fan, Noise, Temperature, Voltage, Water cooling
RAID levels	0, 1, 5, 10	Component for *	PC
Graphics		Motherboard form factor *	Extended ATX
Parallel processing technology support *	Not supported	Motherboard chipset family *	Intel
Maximum resolution	4096 x 2304 pixels		
HDCP	✓		
DirectX version	12.0		

Graphics		Features	
Discrete graphics support	✓	Windows operating systems supported	Windows 11 x64
Internal I/O		Expansion slots	
USB 2.0 connectors *	2	PCI Express x16 (Gen 3.x) slots	2
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	PCI Express x16 (Gen 5.x) slots	1
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Number of M.2 (M) slots	5
Number of SATA III connectors *	4	BIOS	
Front panel audio connector	✓	BIOS type *	UEFI AMI
Front panel connector	✓	BIOS memory size	256 Mbit
ATX Power connector (24-pin)	✓	ACPI version	5.0
CPU fan connector	✓	Clear CMOS jumper	✓
Number of chassis fan connectors	8	Clear CMOS button	✓
EPS power connector (8-pin)	✓	Desktop Management Interface (DMI) version	2.7
TPM connector	✓	System Management BIOS (SMBIOS) version	2.7
Thunderbolt headers	2	Logistics data	
12V power connector	✓	Country of origin	Taiwan
RGB LED pin header	✓	Products per shipping (inner) case	1 pc(s)
Rear panel I/O ports		Battery	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4	Battery weight	3 g
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	Lithium weight per battery	0.07 g
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	7	Number of battery cells	1
USB 3.2 Gen 2x2 Type-C ports quantity	2	Battery technology	Lithium-Manganese Dioxide (LiMnO2)
Ethernet LAN (RJ-45) ports *	1	Battery type	CR2032
DisplayPorts quantity	1	Packaging data	
DisplayPort version	1.2	Package width	345 mm
		Package depth	294 mm
		Package height	80 mm
		Package weight	3.46 kg
		Weight & dimensions	
		Width	305 mm
		Depth	260 mm
		Height	35 mm
		Packaging content	
		Cables included	SATA
		Batteries included	✓
		Antenna included	✓
		Bundled software	Norton® Internet Security (OEM version) LAN bandwidth management software
		Technical details	
		Warranty period	3 year(s)



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