ASUS ROG MAXIMUS Z790 DARK HERO Intel Z790 LGA 1700 ATX

Brand: ASUS **Product code**: 90MB1F90-M0EAY0

Product name: ROG MAXIMUS Z790 DARK HERO

ASUS ROG MAXIMUS Z790 DARK HERO. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9,.... Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA III, Supported storage drive types: HDD & SSD, RAID levels: 0, 1, 5, 10. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 7 (802.11be), 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.... Component for: PC, Motherboard form factor: ATX, Motherboard chipset family: Intel





Processor			Rear panel I/O ports	
Processor manufacturer *		Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Processor socket *		LGA 1700 Intel® Celeron®, Intel® Core™ i3,	Ethernet LAN (RI-45) ports *	1
Compatible processor series *		Intel® Cere™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium® Gold LGA 1700	HDMI ports quantity *	1
			HDMI version	2.1
			Headphone outputs	1
Supported processor sockets			Line-in	✓
Memory Supported memory types *	DDR5-SDRAM		Microphone in	✓
Number of memory slots * Memory slots type Memory channels ECC compatibility	4 DIMM Dual-channel Non-ECC	500,5800,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800	S/PDIF out port	/
			Thunderbolt ports quantity	2
Supported memory clock speeds	4800,5000,5200,5400,56 MHz		WiFi-AP antenna jack	2
Supported memory clock speed (max) Maximum internal memory *	7800 MHz 128 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	Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Number of HDDs supported Number of storage drives supported RAID support		4 9 •	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), Wi-Fi 7 (802.11be)
RAID levels		0, 1, 5, 10	Bluetooth	✓
Graphics			Bluetooth version	5.4
Parallel processing technology support *		Not supported	Features	
On-board graphics card		×	Motherboard chipset * Audio chip	Intel Z790 Realtek ALC4082
1.1			Audio criip Audio output channels *	7.1 channels
USB 2.0 connectors *		2	Product colour	Black
			Component for *	PC

Internal I/O		Features	
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2 1 6	Motherboard form factor * Motherboard chipset family *	ATX Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors * Number of SATA III connectors * Front panel audio connector ATX Power connector (24-pin) CPU fan connector Number of chassis fan connectors EPS power connector (8-pin) 12V power connector		Power source type Windows operating systems supported Expansion slots PCI Express x16 (Gen 4.x) slots PCI Express x16 (Gen 5.x) slots Number of M.2 (M) slots BIOS BIOS	ATX Windows 10, Windows 11 1 2 3
RGB LED pin header	✓	BIOS type * BIOS memory size	UEFI AMI 256 Mbit
Rear panel I/O ports		Clear CMOS button	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	4 5	Packaging data Package width Package depth Package height Package weight	370 mm 312 mm 108 mm 4.07 kg
		Weight & dimensions	
		Width Depth	305 mm 244 mm
		Packaging content	
		Cables included Drivers included	SATA ✓
		Other features	
		Back-to-BIOS button	✓



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