

ASUS ROG MAXIMUS Z690 HERO Intel Z690 LGA 1700 ATX

Brand : ASUS

Product code: 90MB18E0-M0EAY0

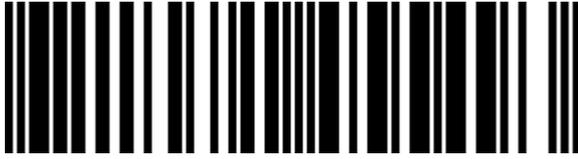
Product name : ROG MAXIMUS Z690 HERO

Intel® Z690 ATX motherboard with 20+1 power stages, DDR5, Five M.2, USB 3.2 Gen 2x2 front-panel connector, Dual Thunderbolt™ 4, PCIe® 5.0, Onboard WiFi 6E and Aura Sync RGB lighting
ASUS ROG MAXIMUS Z690 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, Intel Pentium G. Supported memory types: DDR5-SDRAM, Maximum internal memory: 192 GB, Memory slots type: DIMM. Supported storage drive interfaces: M.2, SATA, 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 6E (802.11ax), 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

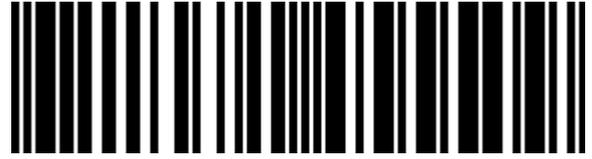


Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	HDMI version	2.1
Processor socket *	LGA 1700	Headphone outputs	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel Pentium G	Line-in	✓
Supported processor sockets	LGA 1700	Microphone in	✓
Memory		S/PDIF out port	✓
Supported memory types *	DDR5-SDRAM	Thunderbolt ports quantity	2
Number of memory slots *	4	Network	
Memory slots type	DIMM	Ethernet LAN	✓
Memory channels	Dual-channel	Ethernet interface type	2.5 Gigabit Ethernet
ECC compatibility	Non-ECC	Wi-Fi *	✓
Supported memory clock speeds	4800,5000,5200,5400,5600,5800,6000,6200,6400 MHz	Top Wi-Fi standard	Wi-Fi 6E (802.11ax)
Maximum internal memory *	192 GB	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	✓	Bluetooth	✓
Storage controllers		Bluetooth version	5.2
Supported storage drive types	HDD & SSD	Features	
Supported storage drive interfaces *	M.2, SATA	Motherboard chipset *	Intel Z690
RAID support	✓	Audio chip	Realtek ALC4082
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Product colour	Black
Parallel processing technology support *	Not supported	Component for *	PC
On-board graphics card	✗	Motherboard form factor *	ATX
Internal I/O		Motherboard chipset family *	Intel
USB 2.0 connectors *	2	Windows operating systems supported	Windows 10, Windows 11
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Expansion slots	
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	PCI Express x16 (Gen 4.x) slots	1
		PCI Express x16 (Gen 5.x) slots	2

Internal I/O		Expansion slots	
Number of SATA III connectors *	6	Number of M.2 (M) slots	5
Front panel audio connector	✓	BIOS	
ATX Power connector (24-pin)	✓	BIOS type *	UEFI AMI
Power fan connector	✓	BIOS memory size	256 Mbit
CPU fan connector	✓	Clear CMOS button	✓
Number of chassis fan connectors	4	Logistics data	
EPS power connector (8-pin)	✓	Harmonized System (HS) code	84733020
TPM connector	✓	Weight & dimensions	
12V power connector	✓	Width	244 mm
RGB LED pin header	✓	Height	305 mm
Rear panel I/O ports		Packaging content	
USB 2.0 ports quantity *	2	Cables included	SATA
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6	Drivers included	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1	Other features	
Ethernet LAN (RJ-45) ports *	1	Weight	1.59 kg
HDMI ports quantity *	1	Packaging content	1 x ARGB RGB extension cable 1 x RGB extension cable 4 x SATA 6Gb/s cables 1 x ROG Hyper M.2 Card with heatsink 2 x M.2 screw packages for ROG Hyper M.2 Card 1 x ASUS Wi-Fi moving antennas 1 x M.2 Q-Latch package 2 x M.2 Q-Latch packages for M.2 backplate 1 x M.2 Rubber Package 1 x Q-connector 1 x ROG Graphics card holder 1 x ROG stickers 1 x ROG key chain 1 x ROG thank you card 1 x USB drive with utilities and drivers 1 x User Guide



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