



# MSI MEG Z790 ACE MAX motherboard Intel Z790 LGA 1700 Extended ATX



**Brand :** MSI

**Product code:** MEG Z790 ACE MAX

**Product name :** MEG Z790 ACE MAX

4x DDR5~128GB, 1x PCI-E x 16, 1x PCI-E x 8, 5x M.2, 6x SATA, 2x USB 3.2, 4x USB 2.0, 2x USB-C  
MSI MEG Z790 ACE MAX. Processor manufacturer: Intel, Processor socket: LGA 1700, Compatible processor series: Intel® Celeron®, Intel® Pentium® Gold. Supported memory types: DDR5-SDRAM, Maximum internal memory: 128 GB, Memory channels: Dual-channel. Supported storage drive interfaces: M.2, PCI Express, Supported storage drive types: HDD & SSD, Internal storage capacity: 10 GB. Ethernet interface type: 2.5 Gigabit Ethernet, Top Wi-Fi standard: Wi-Fi 6 (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). Component for: PC, Motherboard form factor: Extended ATX, Motherboard chipset family: Intel

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	7
Processor socket *	LGA 1700	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium® Gold	Ethernet LAN (RJ-45) ports *	1
Supported processor sockets	LGA 1700	HDMI ports quantity *	1
<b>Memory</b>		HDMI version	2.1
Supported memory types *	DDR5-SDRAM	DisplayPorts quantity	1
Number of memory slots *	4	DisplayPort version	1.4
Memory channels	Dual-channel	S/PDIF out port	✓
ECC compatibility	Non-ECC	<b>Network</b>	
Supported memory clock speeds	4800,5000,5200,5400,5600,6000,6200,6400,6600,6800,7000,7200,7400,7600,7800 MHz	Ethernet LAN	✓
Maximum internal memory *	128 GB	Ethernet interface type	2.5 Gigabit Ethernet
Unbuffered memory	✓	Wi-Fi *	✓
<b>Storage controllers</b>		Top Wi-Fi standard	Wi-Fi 6 (802.11ax)
Supported storage drive types	HDD & SSD	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Supported storage drive interfaces *	M.2, PCI Express	Bluetooth	✓
Internal storage capacity	10 GB	Bluetooth version	5.3
RAID levels	0, 5, 10	<b>Features</b>	
<b>Graphics</b>		Motherboard chipset *	Intel Z790
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
<b>Internal I/O</b>		Component for *	PC
USB 2.0 connectors *	4	Motherboard form factor *	Extended ATX
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2	Motherboard chipset family *	Intel
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	2	Windows operating systems supported	Windows 10 x64, Windows 11 x64
Number of SATA III connectors *	6	<b>Expansion slots</b>	
Front panel audio connector	✓	Number of M.2 (M) slots	4
Front panel connector	✓	<b>BIOS</b>	
CPU fan connector	✓	BIOS type *	UEFI AMI
Chassis intrusion connector	✓		
TPM connector	✓		
RGB LED pin header	✓		

**BIOS**

BIOS memory size	256 Mbit
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**Weight & dimensions**

Width	304.8 mm
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Depth	277 mm
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**Packaging content**

Cables included	SATA
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