



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
Memory		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	Network	
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 *	✓
Storage controllers		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	Features	
Graphics		Motherboard chipset *	Intel Z790
Parallel processing technology support *	Not supported	Audio output channels *	7.1 channels
Internal I/O		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	Expansion slots	
Front panel audio connector	✓	Number of M.2 (M) slots	4
Front panel connector	✓	BIOS	
CPU fan connector	✓	BIOS type *	UEFI AMI
Chassis intrusion connector	✓		
TPM connector	✓		
RGB LED pin header	✓		

BIOS	
BIOS memory size	256 Mbit
Weight & dimensions	
Width	304.8 mm
Depth	277 mm
Packaging content	
Cables included	SATA



4711377134620



0824142336649



824142336649

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.