



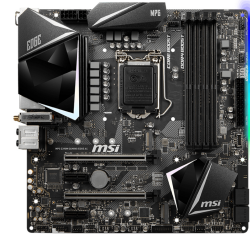
## MSI MPG Z390M Gaming Edge AC Intel Z390 LGA 1151 (Socket H4) micro ATX

**Brand :** MSI

**Product code:** Z390MEDGEAC

**Product name :** MPG Z390M Gaming Edge AC

- Supports 9th / 8th Gen Intel® Core™ / Pentium® Gold / Celeron® processors for LGA 1151 socket
  - Supports DDR4 Memory, up to 4500(OC) MHz
  - Lightning Fast Game experience: 2x TURBO M.2, Intel Optane Memory Ready. Turbo USB 3.1 GEN2
  - Set Core Power Free: Extended Heatsink Design, Core Boost, 8+4 pin CPU power connector, Game Boost, DDR4 Boost
  - MYSTIC LIGHT: 16.8 million colors / 29 effects controlled in one click. MYSTIC LIGHT EXTENSION supports both RGB and RAINBOW LED strip
  - AUDIO BOOST 4 with NAHIMIC 3: Reward your ears with studio grade sound quality for the most immersive gaming experience
  - Dragon Center: A brand new software which integrates all MSI tools like GAME MODE, VOICE BOOST, LIVE UPDATE with user friendly user interface
- Z390M GAMING EDGE AC, Intel Z390, LGA 1151, 4x DDR4, 2x PCIe 3.0 x16, 2x PCIe 3.0 x1, HDMI, DP, M.2, SATA III, USB 3.1, Wi-Fi, Bluetooth, RJ-45, Micro-ATX, 244x244 mm



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 1151 (Socket H4)	Ethernet LAN (RJ-45) ports *	1
Compatible processor series *	Intel® Celeron®, Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7, Intel® Core™ i9, Intel® Pentium®	PS/2 ports quantity	2
Maximum number of SMP processors	1	HDMI ports quantity *	1
<b>Memory</b>		DisplayPorts quantity	1
Supported memory types *	DDR4-SDRAM	S/PDIF out port	✓
Number of memory slots *	4	Digital audio optical out	1
Memory slots type	DIMM	WiFi-AP antenna jack	2
Memory channels	Dual-channel	<b>Network</b>	
ECC	✓	Ethernet LAN	✓
Non-ECC	✓	Ethernet interface type	Gigabit Ethernet
Supported memory clock speeds MHz	2133,2400,2666,2800,3000,3200,3300,3400,3466,3600,3733,3866,4000,4133,4200,4266,4300,4400,4500	LAN controller	Intel® I219-V
Maximum internal memory *	64 GB	Wi-Fi *	✓
<b>Storage controllers</b>		Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Supported storage drive interfaces *	M.2, SATA III	Bluetooth	✓
RAID levels	0, 1, 5, 10	Bluetooth version	5.0
<b>Graphics</b>		<b>Features</b>	
Parallel processing technology support *	2-Way CrossFireX, 2-Way SLI	Motherboard chipset *	Intel Z390
Maximum resolution	4096 x 2304 pixels	Audio chip	Realtek ALC1220-VB
<b>Internal I/O</b>		Audio output channels *	7.1 channels
USB 2.0 connectors *	2	PC health monitoring	CPU, Fan, Temperature
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	Component for *	PC
USB 3.2 Gen 2 (3.1 Gen 2) connectors *	1	Motherboard form factor *	micro ATX
Number of SATA III connectors *	4	Motherboard chipset family *	Intel
Front panel audio connector	✓	Number of mounting holes	8
Front panel connector	✓	<b>Expansion slots</b>	
ATX Power connector (24-pin)	✓	PCI Express x1 (Gen 3.x) slots	2
CPU fan connector	✓	PCI Express x16 (Gen 3.x) slots	2
Number of chassis fan connectors	3	Number of M.2 (M) slots	2
Chassis intrusion connector	✓	<b>BIOS</b>	
Serial port headers	1	BIOS type *	UEFI AMI
12V power connector	✓	BIOS memory size	128 Mbit
		ACPI version	6.1

Rear panel I/O ports	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1

BIOS	
Clear CMOS jumper	✓
System Management BIOS (SMBIOS) version	2.8

Weight & dimensions	
Width	244 mm
Depth	244 mm

Packaging content	
Cables included	SATA
Drivers included	✓



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