

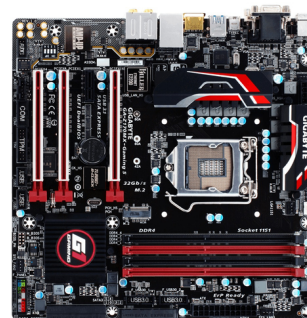
GIGABYTE GA-Z170MX-Gaming 5 Intel® Z170 LGA 1151 (Socket H4) micro ATX

Brand : GIGABYTE

Product code: GA-Z170MX-GAMING 5

Product name : GA-Z170MX-Gaming 5

- Supports 6th Generation Intel® Core™ Processor
 - Dual Channel DDR4, 4 DIMMs
 - Intel® USB 3.1 with USB Type-C™ - The World's Next Universal Connector
 - 3-Way Graphics Support with Exclusive Ultra Durable Metal Shielding over the PCIe Slots
 - PCIe Gen3 x4 M.2 Connector with up to 32Gb/s Data Transfer (PCIe NVMe & SATA SSD support)
 - 3 SATA Express Connectors for up to 16Gb/s Data Transfer
 - 115dB SNR HD Audio with Built-in Rear Audio Amplifier
 - Killer™ E2200 Gaming Networks
 - High Quality Audio Capacitors and Audio Noise Guard with LED Trace Path Lighting
 - APP Center Including EasyTune™ and Cloud Station™ Utilities
 - GIGABYTE UEFI DualBIOS™ Technology
- Intel Z170, Intel Core i7/i5/i3, Pentium/Celeron LGA1151, 4xDDR4 DIMM
3466/3400/3333/3300/3200/3000/2800/2666/2400/2133MHz up to 64GB, non-ECC/ECC, Micro ATX



Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports *	1
Processor socket *	LGA 1151 (Socket H4)	PS/2 ports quantity	1
Compatible processor series *	Intel® Celeron®, Intel® Pentium®	VGA (D-Sub) ports quantity *	1
Maximum number of SMP processors	1	HDMI ports quantity *	1
Memory		HDMI version	1.4
Supported memory types *	DDR4-SDRAM	DVI-D ports quantity *	1
Number of memory slots *	2	Headphone outputs	1
Memory slots type	DIMM	Microphone in	✓
Memory channels	Dual-channel	USB connector type	USB Type-A, USB Type-C
ECC compatibility	ECC & Non-ECC	Network	
Supported memory clock speeds	2133,2400,2666,2800,3000,3200,3300,3333,3400,3466 MHz	Ethernet LAN	✓
Maximum internal memory *	64 GB	Ethernet interface type	Gigabit Ethernet
Storage controllers		Features	
Supported storage drive interfaces *	SATA	Motherboard chipset *	Intel® Z170
RAID levels	0, 1, 5, 10	Audio output channels *	7.1 channels
Graphics		Component for *	PC
Parallel processing technology support *	Not supported	Motherboard form factor *	micro ATX
Graphics card family	Intel	Motherboard chipset family *	Intel
Graphics card	HD Graphics	Power source type	ATX
Maximum resolution	4096 x 2160 pixels		
Internal I/O			
USB 2.0 connectors *	2		
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	2		
Number of SATA III connectors *	6		
Number of SATA connectors	9		
Number of SATA Express connectors	3		
S/PDIF out connector	✓		

Internal I/O		Features	
Front panel audio connector	✓		Windows 10 Education, Windows 10 Education x64, Windows 10 Enterprise, Windows 10 Enterprise x64, Windows 10 Home, Windows 10 Home x64, Windows 10 Pro, Windows 10 Pro x64, Windows 7 Enterprise, Windows 7 Enterprise x64, Windows 7 Home Basic, Windows 7 Home Basic x64, Windows 7 Home Premium, Windows 7 Home Premium x64, Windows 7 Professional, Windows 7 Professional x64, Windows 7 Starter, Windows 7 Starter x64, Windows 7 Ultimate, Windows 7 Ultimate x64, Windows 8, Windows 8 Enterprise, Windows 8 Enterprise x64, Windows 8 Pro, Windows 8 Pro x64, Windows 8 x64, Windows 8.1, Windows 8.1 Enterprise, Windows 8.1 Enterprise x64, Windows 8.1 Pro, Windows 8.1 Pro x64, Windows 8.1 x64
ATX Power connector (24-pin)	✓		
CPU fan connector	✓		
TPM connector	✓		
Thunderbolt headers	1		
Rear panel I/O ports		Windows operating systems supported	
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	1		
Expansion slots			
PCI Express x1 slots	1		
PCI Express x16 slots	3		
Number of M.2 (M) slots	1		
BIOS			
BIOS type *	UEFI AMI		
BIOS memory size	256 Mbit		
ACPI version	5.0		
Clear CMOS jumper	✓		
Processor special features			
Intel® Smart Response Technology	✓		
Weight & dimensions			
Width	244 mm		
Depth	244 mm		
Packaging content			
Cables included	SATA		
Drivers included	✓		
Other features			
Supported UDIMM module capacity	8GB, 16GB		
Quick installation guide	✓		
Serial port via internal header	✓		



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