

ASUS P8Z77-M motherboard Intel Z77 LGA 1155 (Socket H2) micro ATX

Brand : ASUS

Product code: P8Z77-M

Product name : P8Z77-M



P8Z77-M, LGA 1155, Intel Z77, 4 x DDR3 2400MHz, Intel HD Graphics, 2x PCI Express (2-Way CrossFireX, LucidLogix Virtu MVP), 4 x SATA 3.0Gb/s, 2 x SATA 6.0Gb/s, UEFI BIOS, mATX

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Your Next Micro ATX Z77 Build with Precise Digital Power Design, Independent Fan Control and up to 60% Hybrid Graphics Boost.

- USB 3.0 Boost - Faster USB 3.0 Transmission with UASP.
- USB BIOS Flashback - Simple Plug & Press - Hardware-based BIOS Flashback.
- CrossFireX Support!

ASUS P8Z77-M. Processor manufacturer: Intel, Processor socket: LGA 1155 (Socket H2), Compatible processor series: Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA II, SATA III, RAID levels: 0, 1, 5, 10. Parallel processing technology support: 2-Way CrossFireX, LucidLogix Virtu, Maximum graphics card memory: 1696 MB, Graphics card family: Intel. HDMI version: 1.4a

Processor		Rear panel I/O ports	
Processor manufacturer *	Intel	USB 2.0 ports quantity *	4
Processor socket *	LGA 1155 (Socket H2)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Compatible processor series *	Intel® Core™ i3, Intel® Core™ i5, Intel® Core™ i7	Ethernet LAN (RJ-45) ports *	1
Maximum number of SMP processors	1	PS/2 ports quantity	1
System bus rate	5 GT/s	VGA (D-Sub) ports quantity *	1
Memory		HDMI ports quantity *	1
Supported memory types *	DDR3-SDRAM	HDMI version	1.4a
Number of memory slots *	4	DVI-D ports quantity *	1
Memory slots type	DIMM	Headphone outputs	3
Memory channels	Dual-channel	Microphone in	✓
Memory voltage	1.5 V	S/PDIF out port	✓
ECC compatibility	Non-ECC	Network	
Supported memory clock speeds	1066,1333,1600,1800,2000,2133,2200,2400 MHz	Ethernet LAN	✓
Maximum internal memory *	32 GB	Ethernet interface type	Gigabit Ethernet
Supported memory module capacities	16GB, 1GB, 2GB, 4GB, 8GB	LAN controller	Realtek RTL8111F
Storage controllers		Wi-Fi *	✗
Supported storage drive interfaces *	SATA II, SATA III	Wi-Fi standards	Not supported
RAID levels	0, 1, 5, 10	Bluetooth	✗
Graphics		Networking features	Gigabit LAN
Maximum graphics card memory	1696 MB	Features	
Parallel processing technology support *	2-Way CrossFireX, LucidLogix Virtu	Motherboard chipset *	Intel Z77
On-board graphics card	✓	Audio chip	Realtek ALC887
Graphics card family	Intel	Audio output channels *	7.1 channels
Graphics card	HD Graphics	PC health monitoring	CPU, Fan, Temperature
Maximum resolution	2048 x 1536 pixels	Component for *	PC
HDCP	✓	Motherboard form factor *	micro ATX
OpenGL version	3.2	Motherboard chipset family *	Intel
DirectX version	11	Cooling type	Passive
Discrete graphics support	✓	Power source type	ATX
		Expansion slots	
		PCI Express x1 slots	1
		PCI Express x16 slots	2

Internal I/O		Expansion slots	
USB 2.0 connectors *	3	PCI slots	1
USB 3.2 Gen 1 (3.1 Gen 1) connectors *	1	PCI Express slots version	2.0, 3.0
Number of SATA III connectors *	2	PCI Express configurations	1x4, 1x16
Number of SATA II connectors	4	BIOS	
S/PDIF out connector	✓	BIOS type *	EFI AMI
Front panel audio connector	✓	BIOS memory size	64 Mbit
ATX Power connector (24-pin)	✓	ACPI version	2.0a
CPU fan connector	✓	Clear CMOS jumper	✓
Number of chassis fan connectors	3	Weight & dimensions	
Chassis intrusion connector	✓	Width	244 mm
EPS power connector (8-pin)	✓	Depth	244 mm
Number of COM connectors	1	Packaging content	
TPM connector	✓	Cables included	SATA
		Drivers included	✓
		Other features	
		Dual Link DVI	✓
		Controller interface type	Intel Z77
		Quick installation guide	✓

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