

## 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 | <b>BIOS</b>                    |           |
| 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 | <b>Weight &amp; dimensions</b> |           |
| Chassis intrusion connector            | ✓ | Width                          | 244 mm    |
| EPS power connector (8-pin)            | ✓ | Depth                          | 244 mm    |
| Number of COM connectors               | 1 | <b>Packaging content</b>       |           |
| TPM connector                          | ✓ | Cables included                | SATA      |
|                                        |   | Drivers included               | ✓         |
|                                        |   | <b>Other features</b>          |           |
|                                        |   | Dual Link DVI                  | ✓         |
|                                        |   | Controller interface type      | Intel Z77 |
|                                        |   | Quick installation guide       | ✓         |

## Catalog Object Cloud



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