# ASUS Z97-K/CSM motherboard Intel® Z97 LGA 1150 (Socket H3) ATX

**Brand :** ASUS

**Product code:** Z97-K/CSM

**Product name :** Z97-K/CSM

Intel Z97, Socket 1150, 4 x DIMM, PCI/PCIe, SATA 6Gb/s, M.2 Socket 3, Gigabit LAN, 8-Ch HD Audio, USB 3.0/2.0, PS/2, DVI-D, D-Sub, HDMI, 3 x Audio jacks, UEFI AMI BIOS, ATX
ASUS Z97-K/CSM. Processor manufacturer: Intel, Processor socket: LGA 1150 (Socket H3), Compatible processor series: Intel® Celeron®, Intel® Pentium®. Supported memory types: DDR3-SDRAM, Maximum internal memory: 32 GB, Memory slots type: DIMM. Supported storage drive interfaces: SATA III, RAID levels: 0, 1, 5, 10. Parallel processing technology support: Quad-GPU CrossFireX, Maximum graphics card memory: 512 MB, Maximum resolution: 4096 x 2160 pixels. Ethernet interface type: Gigabit Ethernet, LAN controller: Realtek RTL8111GR

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor socket * | LGA 1150 (Socket H3) |
| Compatible processor series * | Intel® Celeron®, Intel® Pentium® |
| Maximum number of SMP processors | 1 |
| Intel Core i3/i5/i7/i9 series | i3-4xxx, i5-4xxx, i7-4xxx |

### Memory

| | |
|---|---|
| Supported memory types * | DDR3-SDRAM |
| Number of memory slots * | 4 |
| Memory slots type | DIMM |
| Memory channels | Dual-channel |
| ECC compatibility | Non-ECC |
| Supported memory clock speeds | 1333,1600,1866,2000,2133,2200,2250,2400,2600,2666,2800,2933,3000,3100,3200 MHz |
| Maximum internal memory * | 32 GB |
| Unbuffered memory | ✔ |

## Storage controllers

| | |
|---|---|
| Supported storage drive interfaces * | SATA III |
| RAID levels | 0, 1, 5, 10 |

## Graphics

| | |
|---|---|
| Maximum graphics card memory | 512 MB |
| Parallel processing technology support * | Quad-GPU CrossFireX |
| Maximum resolution | 4096 x 2160 pixels |
| Discrete graphics support | ✔ |

## Internal I/O

| | |
|---|---|
| USB 2.0 connectors * | 3 |
| USB 3.2 Gen 1 (3.1 Gen 1) connectors * | 1 |
| Number of SATA III connectors * | 6 |
| S/PDIF out connector | ✔ |
| Front panel audio connector | ✔ |
| Number of EATX power connectors | 1 |
| Power fan connector | ✔ |
| CPU fan connector | ✔ |
| Number of chassis fan connectors | 1 |
| Chassis intrusion connector | ✔ |
| TPM connector | ✔ |

## Rear panel I/O ports

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 |
| Ethernet LAN (RJ-45) ports * | 1 |
| PS/2 ports quantity | 2 |
| VGA (D-Sub) ports quantity * | 1 |
| HDMI ports quantity * | 1 |
| DVI-D ports quantity * | 1 |
| Microphone in | ✔ |

## Network

| | |
|---|---|
| Ethernet LAN | ✔ |
| Ethernet interface type | Gigabit Ethernet |
| LAN controller | Realtek RTL8111GR |
| Wake-on-LAN ready | ✔ |

## Features

| | |
|---|---|
| Motherboard chipset * | Intel® Z97 |
| Audio chip | Realtek ALC887 |
| Audio output channels * | 7.1 channels |
| Component for * | PC |
| Motherboard form factor * | ATX |
| Motherboard chipset family * | Intel |
| Cooling type | Passive |
| Power source type | ATX |
| Windows operating systems supported | 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 |

| Rear panel I/O ports | |
|---|---|
| USB 2.0 ports quantity * | 2 |

| Expansion slots | |
|---|---|
| PCI Express x1 (Gen 2.x) slots | 2 |
| PCI Express x16 (Gen 2.x) slots | 1 |
| PCI Express x16 (Gen 3.x) slots | 1 |
| PCI slots | 2 |

| BIOS | |
|---|---|
| BIOS type * | UEFI AMI |
| BIOS memory size | 64 Mbit |
| ACPI version | 5.0 |
| Clear CMOS jumper | ✔ |

| Weight & dimensions | |
|---|---|
| Width | 305 mm |
| Depth | 218 mm |

| Packaging content | |
|---|---|
| Cables included | SATA |
| Drivers included | ✔ |
| Bundled software | ASUS Utilities EZ Update Anti-virus software (OEM version) |

| Other features | |
|---|---|
| mSATA ports quantity | 1 |

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