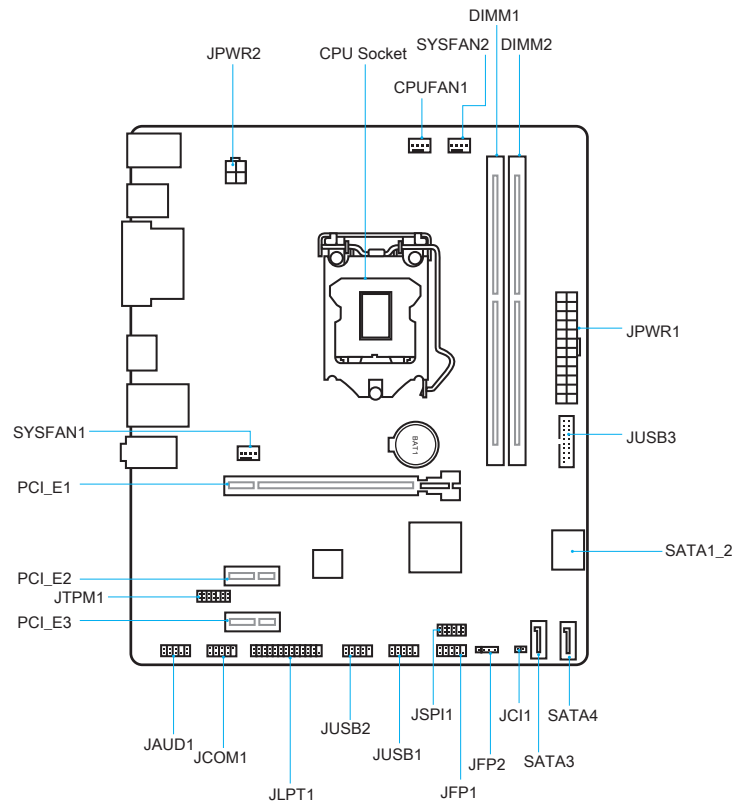


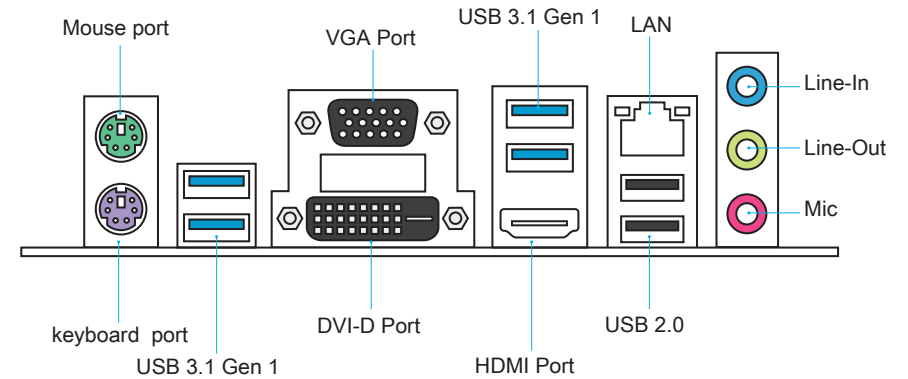
# H110M GAMING

(MS-7994v1.2)  
m-ATX Motherboard

## Motherboard Components Overview



## Rear I/O Panel



## Motherboard Specification

### CPU Support

- Supports 6th Gen Intel® Core™ i3/i5/i7 processors, and Intel® Pentium® and Celeron® processors for Socket LGA1151

### Chipset

- Intel® H110 Express Chipset

### Memory Support

- 2x DDR4 memory slots supporting up to 32GB

\* Please refer [www.msi.com](http://www.msi.com) for more information on compatible memory

### Expansion Slots

- 1x PCIe 3.0 x16 slot
- 2x PCIe 3.0 x1 slots

### Onboard Graphics

- 1x HDMI, supporting a maximum resolution of 4096x2160@24Hz, 2560x1600@60Hz
- 1x DVI-D port, supporting a maximum resolution of 1920x1200@60Hz

- 1x VGA port, supporting a maximum resolution of 1920X1200@60Hz

### Storage

- Intel® H110 Express Chipset
- 4x SATA 6Gb/s ports

### USB

- Intel® H110 Express Chipset
  - ▶ 6x USB 3.1 Gen 1 ports (4 ports on the back panel, 2 ports available through the internal )
  - ▶ 6x USB 2.0 ports (2 ports on the back panel, 4 ports available through the internal USB connectors)

### Audio

- Realtek® ALC887
- 7.1-Channel High Definition Audio

### LAN

- 1x Intel I219-V Gigabit LAN controller

# Motherboard Specification

## Back Panel Connectors

- 1x PS/2 keyboard port
- 1x PS/2 mouse port
- 4x USB 3.1 Gen 1 ports
- 2x USB 2.0 ports
- 1x HDMI
- 1x DVI-D
- 1x VGA
- 1x LAN (RJ45)
- 3x Audio Jacks

## Internal Connectors

- 1x 24-pin ATX main power connector
- 1x 4-pin ATX 12V power connector
- 4x SATA 6Gb/s connectors
- 2x USB 2.0 connectors (supports additional 4 USB 2.0 ports)
- 1x USB 3.1 Gen 1 connector (supports additional 2 USB 3.1 Gen 1 ports)
- 1x 4-pin CPU fan connector
- 2x 4-pin system fan connectors
- 1x Clear CMOS jumper
- 1x Front panel audio connector
- 2x System panel connectors
- 1x TPM module connector
- 1x Chassis intrusion connector
- 1x Serial port connector
- 1x Parallel port connector

## I/O Controller

- NUVOTON 6793D Controller Chip

## Hardware Monitor

- CPU/System temperature detection
- CPU/System fan speed detection
- CPU/System fan speed control

## BIOS Features

- 1x 64 Mb flash
- UEFI AMI BIOS
- ACPI 5.0, PnP 1.0a, SM BIOS 2.7, DMI 2.0

- Multi-language

## Special Features

- DDR4 Boost Support
- PCI Express 3.0 Support
- EZ Debug LED
- Smart Fan Control
- Super Charger
- Cut Power
- Audio Line

## MSI Exclusive features

- Command Center
- Command Center Lite
- Command Center Lite Memory
- Live Update 6
- Fast Boot
- Super Charger
- Gaming APP
- M-Cloud
- RAMDisk
- DPC Latency Tuner
- Intel Small Business Basics(SBB)
- Gaming LAN Manager (Powered By cFosSpeed)
- XSplit Gamecaster V2
- OBS
- Intel Extreme Tuning Utility
- Norton Internet Security Solution
- Google Chrome
- Google Toolbar
- Google Drive
- CPU-Z MSI GAMING

## Form Factor

- mATX Form Factor
- 24.3 cm x 20.6 cm