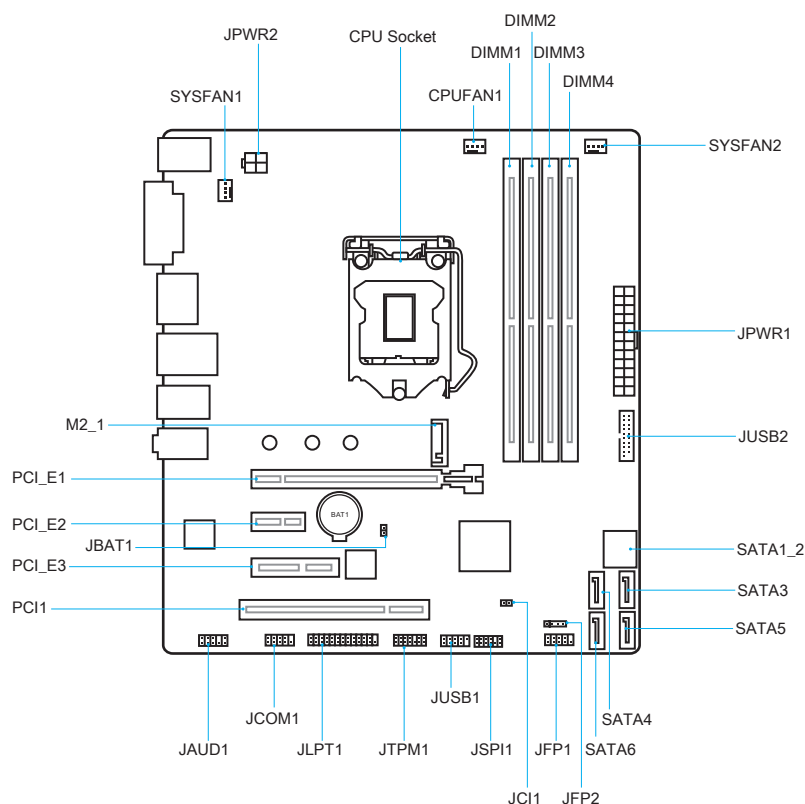


B150M PRO-DDP

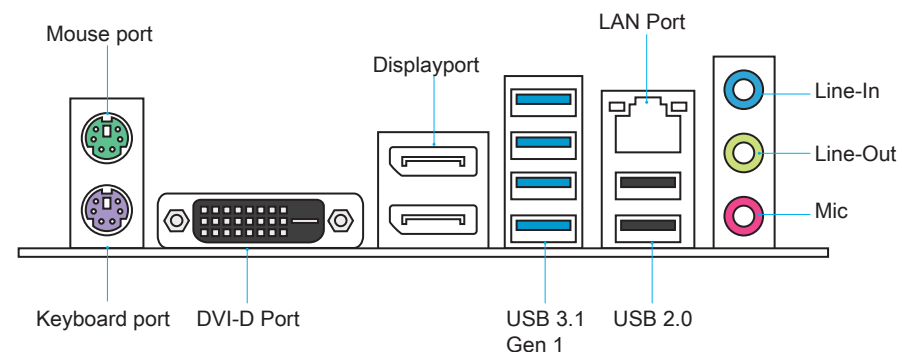
(MS-7975v1.0)

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® B150 Express Chipset

Memory Support

- 64GB
- ▶ Supports DDR4 2133 MHz
- Dual channel memory architecture
- Supports non ECC, un-buffered memory
- Supports Intel® Extreme Memory Profile (XMP)

Expansion Slots

- 1x PCIe 3.0 x16 slot
- 1x PCIe 3.0 x1 slot
- 1x PCI slot
- 1x PCIe 3.0x4 slot

Onboard Graphics

- 1x DVI-D port, supporting a maximum resolution of 1920x1200@60Hz
- 2x DisplayPort, support a maximum resolution of 4096x2304@60Hz, 2560x1600@60Hz, 3840x2160@60Hz, 1920x1200@60Hz
- Supports 2-Way AMD® CrossFire™ Technology

Storage

- Intel® B150 Express Chipset
- 6x SATA 6Gb/s ports
- 1x M.2 port ,M.2 port supports 4.2cm/ 6cm/ 8cm length module

USB

- Intel B150 Express Chipset
- ▶ 6x USB 3.0 ports (4 ports on the back panel, 2 ports available through the internal USB connectors)
- ▶ 4x USB 2.0 ports (2 ports on the back panel, 2 ports available through the internal

Motherboard Specification

USB connectors)

Audio

- Realtek® ALC892 Codec
- 7.1-Channel High Definition Audio

LAN

- 1 x Realtek 8111GN LAN controller

Back Panel Connectors

- 1x PS/2 keyboard
- 1x PS/2 mouse port
- 2x USB 2.0 ports
- 4x USB 3.0 ports
- 1x DVI port
- 2x DisplayPort 1.2

Internal Connectors

- 1x 24-pin ATX main power connector
- 1x 4-pin ATX 12V power connector
- 6x SATA 6Gb/s connectors
- 1x USB 2.0 connector (supports additional 2 USB 2.0 ports)
- 1x USB3.0 connector (supports additional 2 usb3.0 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 COM port connector
- 1x LPT port connector

I/O Controller

- NUVOTON NCT6793 Controller Chip

Hardware Monitor

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

BIOS Features

- 1x 64 Mb flash

Form Factor

- mATX Form Factor
- 24.4 cm x 22.3 cm