Institute of Computer Technology

B. Tech Computer Science and Engineering

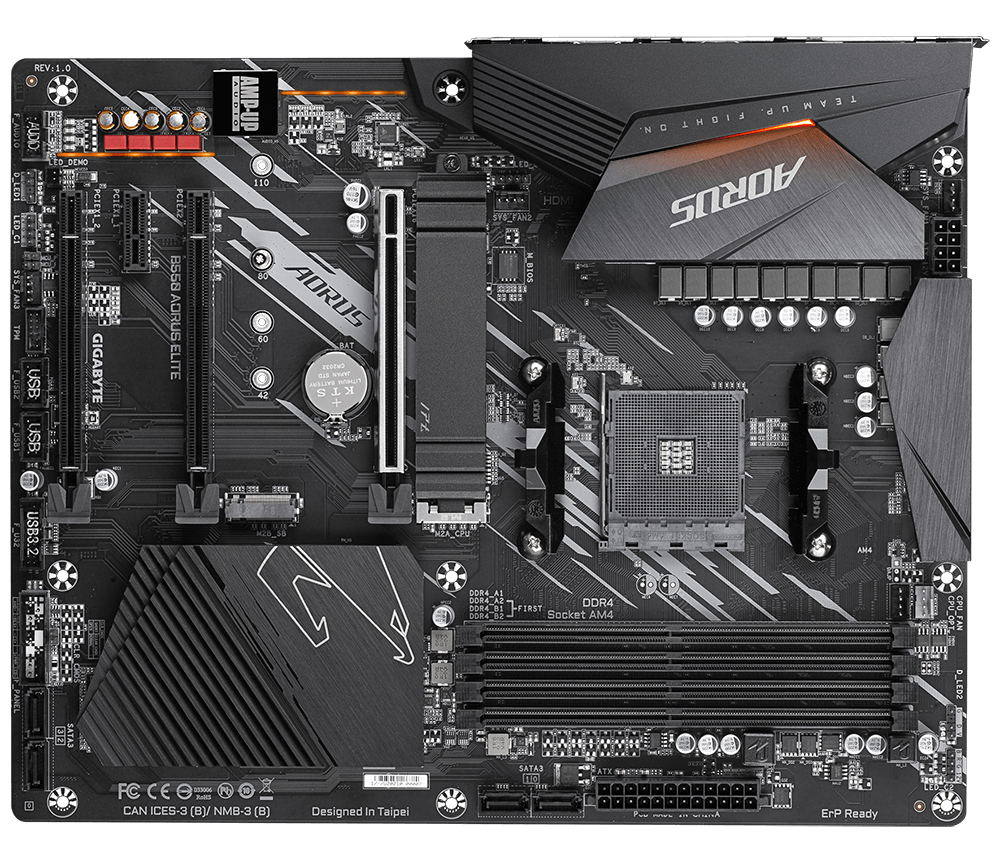
Subject: Computer Organization (2CSE205)

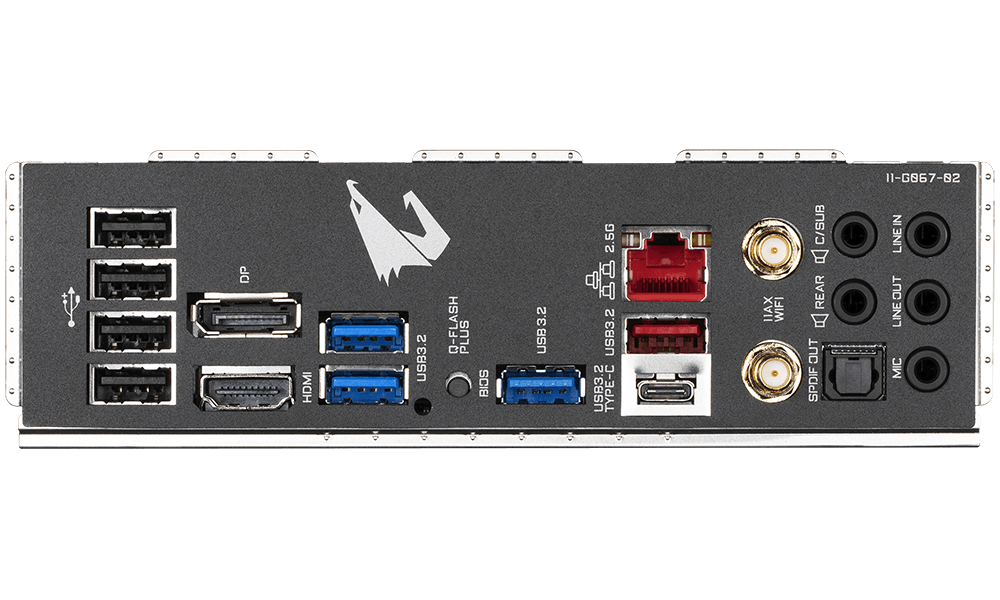
**PRACTICAL-10**

**AIM: - Computer motherboard and its parts.**

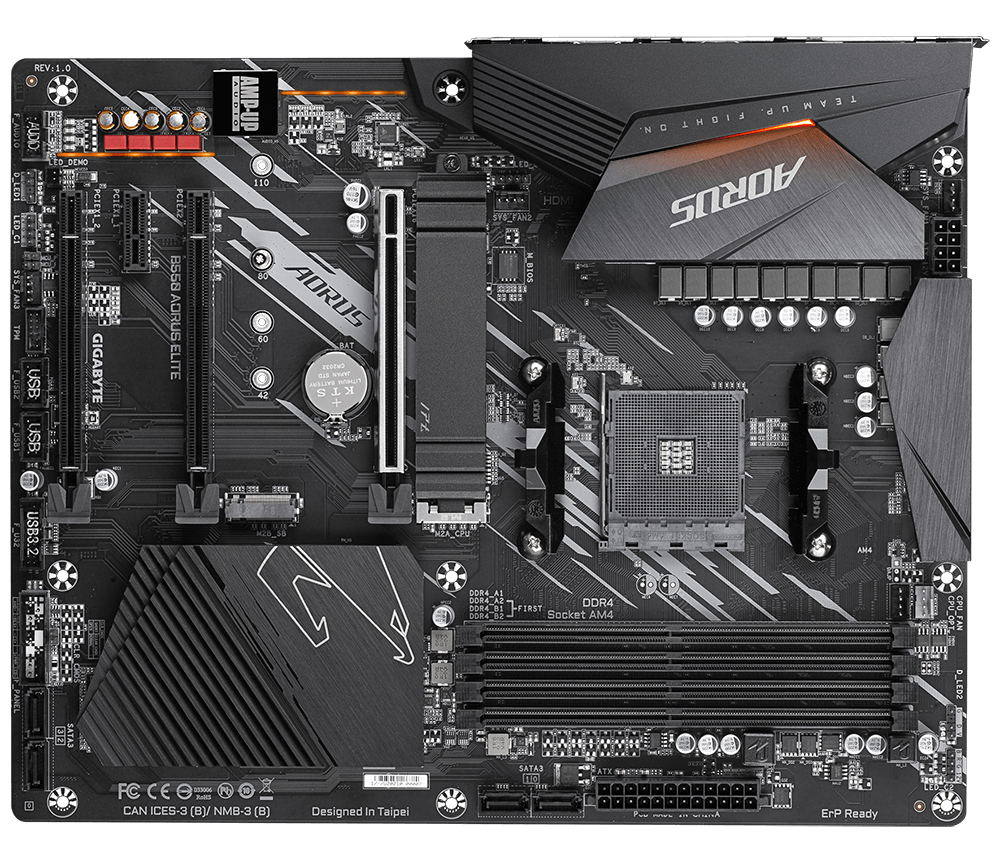
There are primarily two types of motherboards, AT motherboard, and ATX motherboard.

A motherboard is given below: -

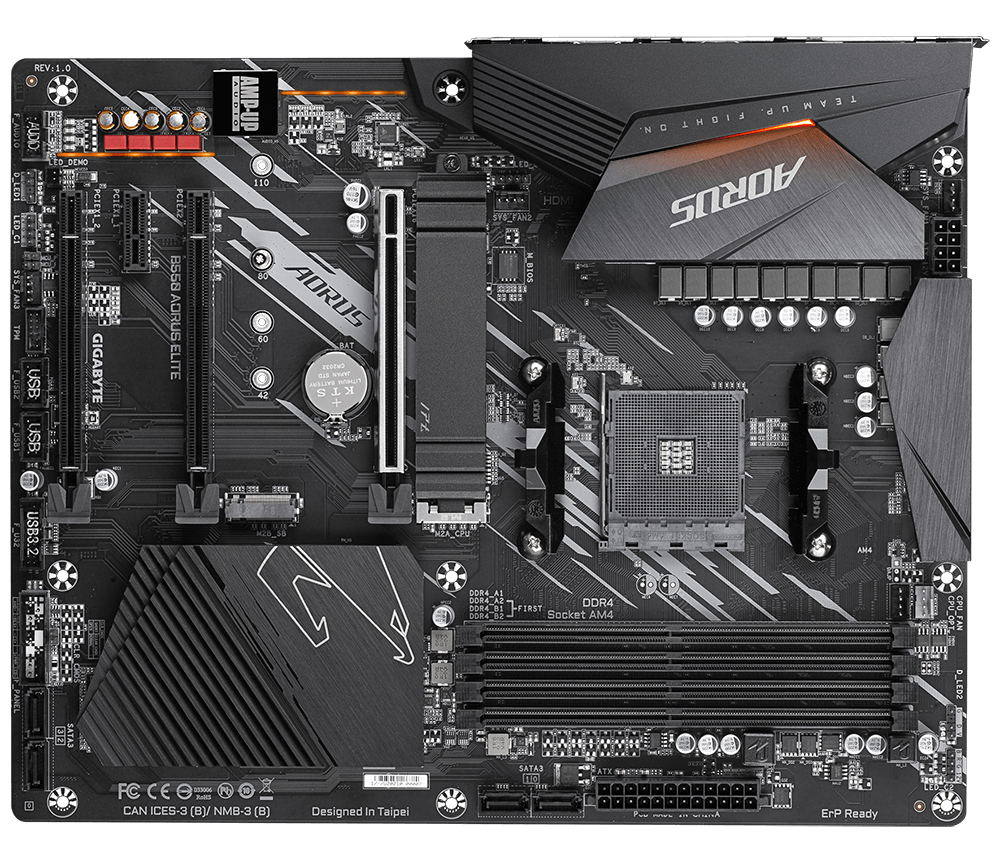
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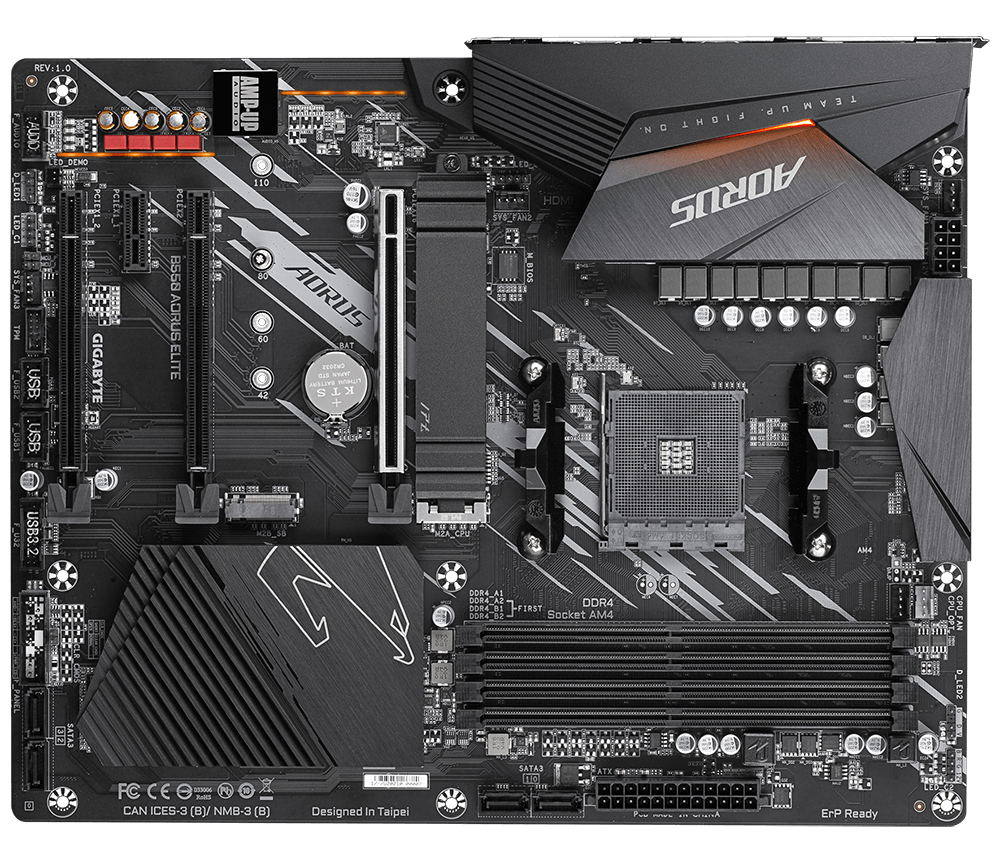
1. **CPU Socket: -** Here we have to insert our processor.

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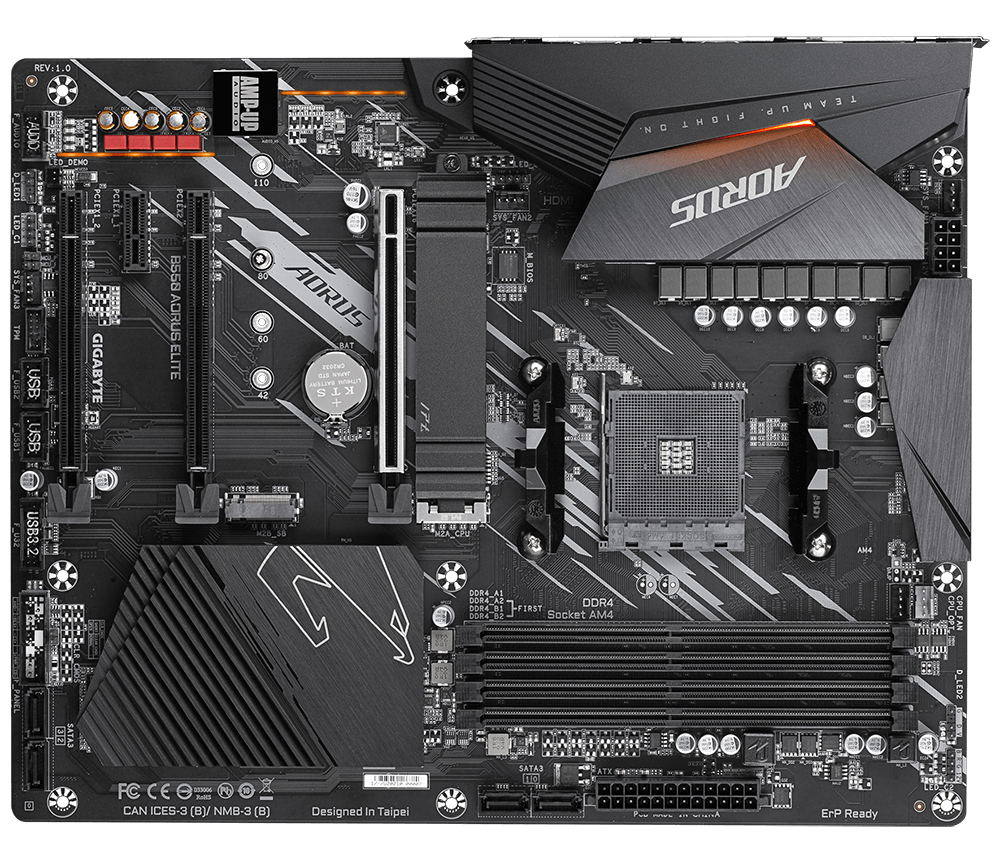
1. **RAM Slots: -** Here we insert our memory/RAMs.

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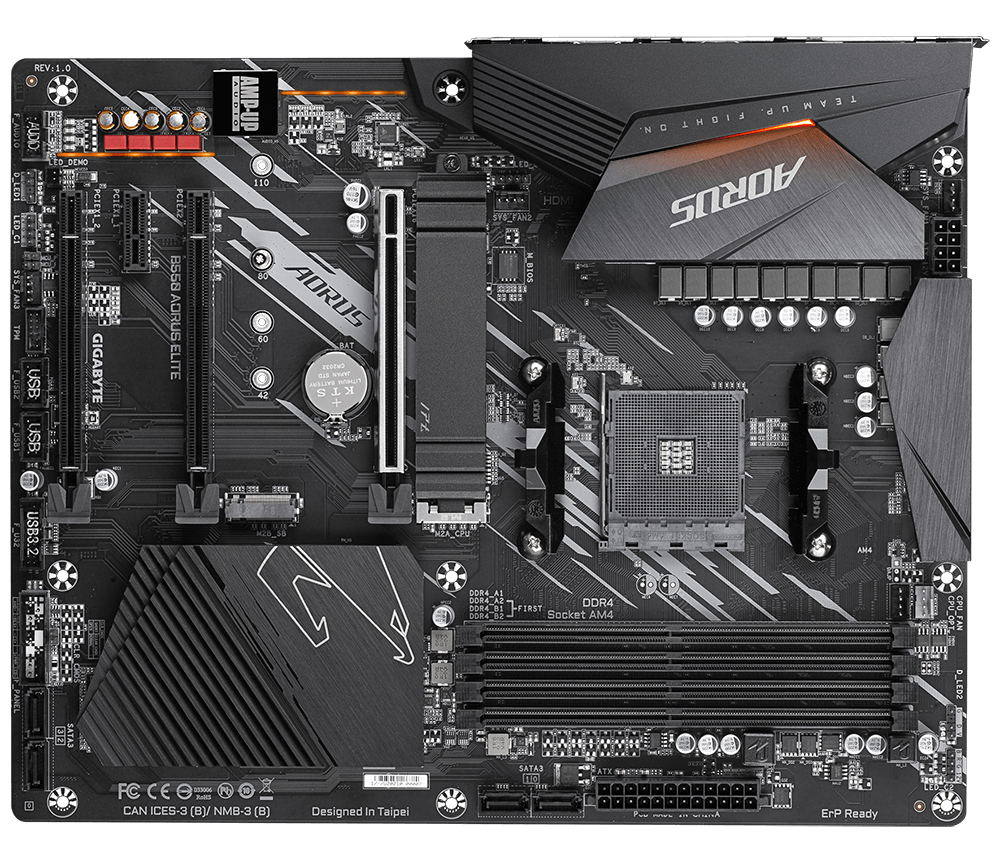
1. **ATX 24-pin connector: -** Here we have to connect the 24-pin connector from SMPS to give power to motherboard.

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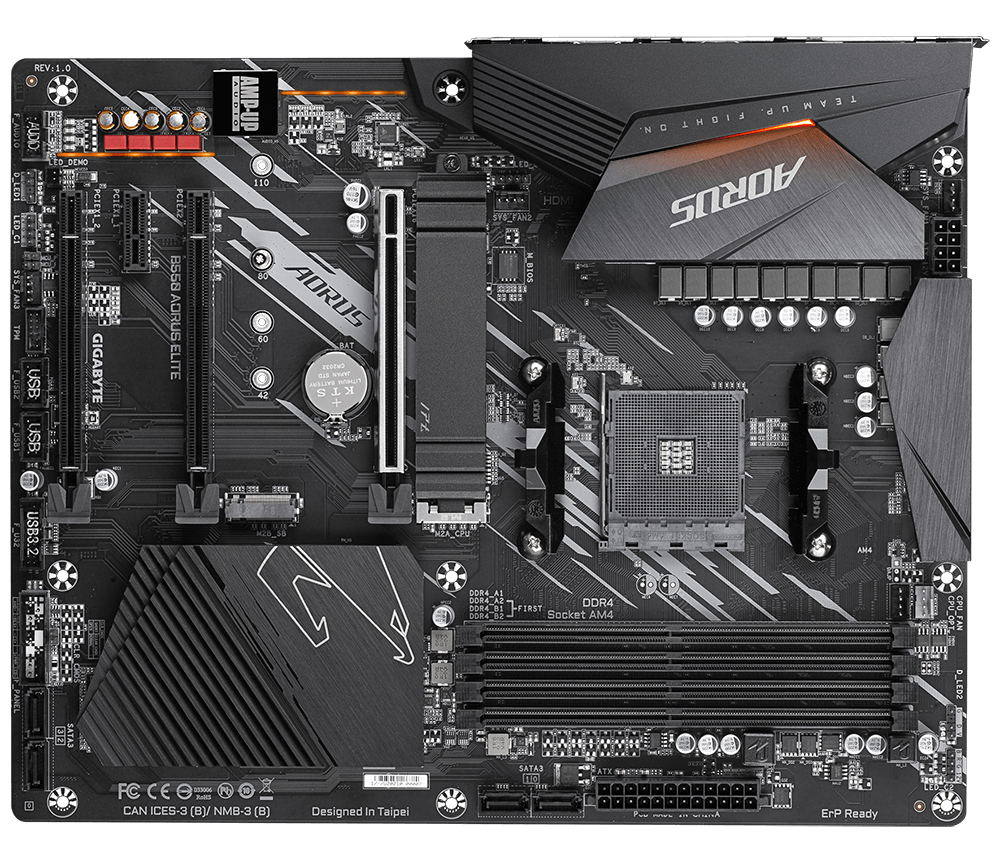
1. **CPU Fan connector: -** In this port we have to connect the cable of CPU fan.

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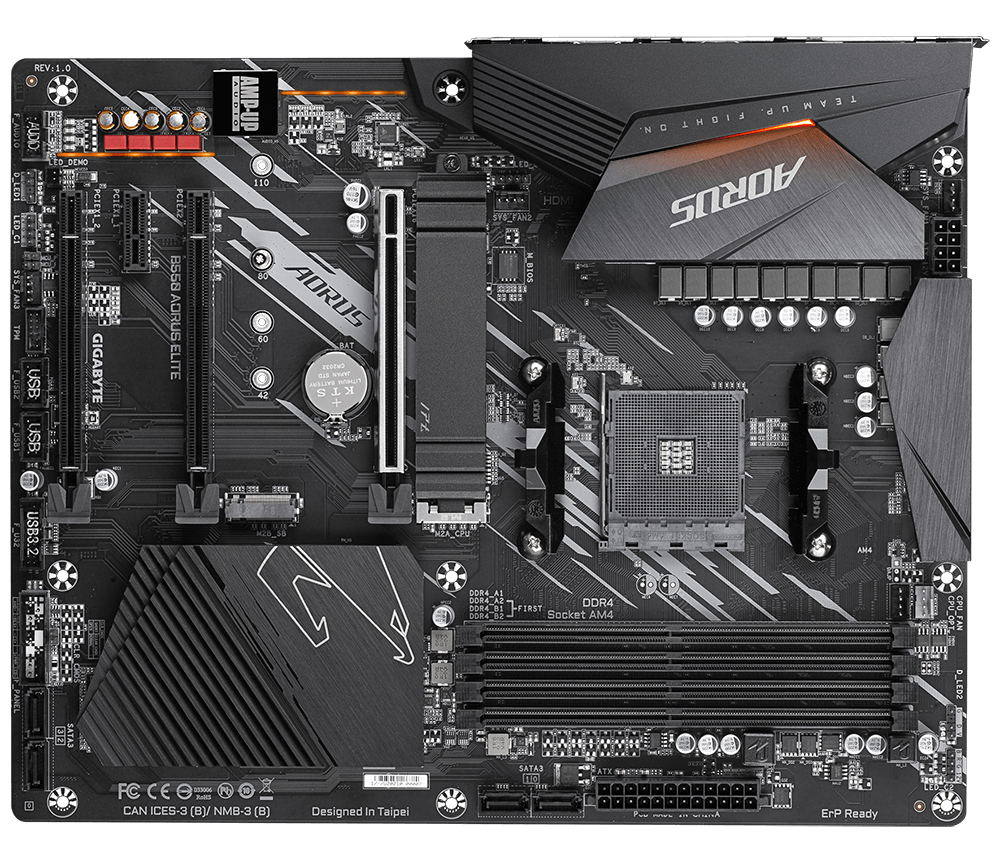
1. **SATA connectors: -** Here we connect the SATA connectors of hard disks and cd drives.

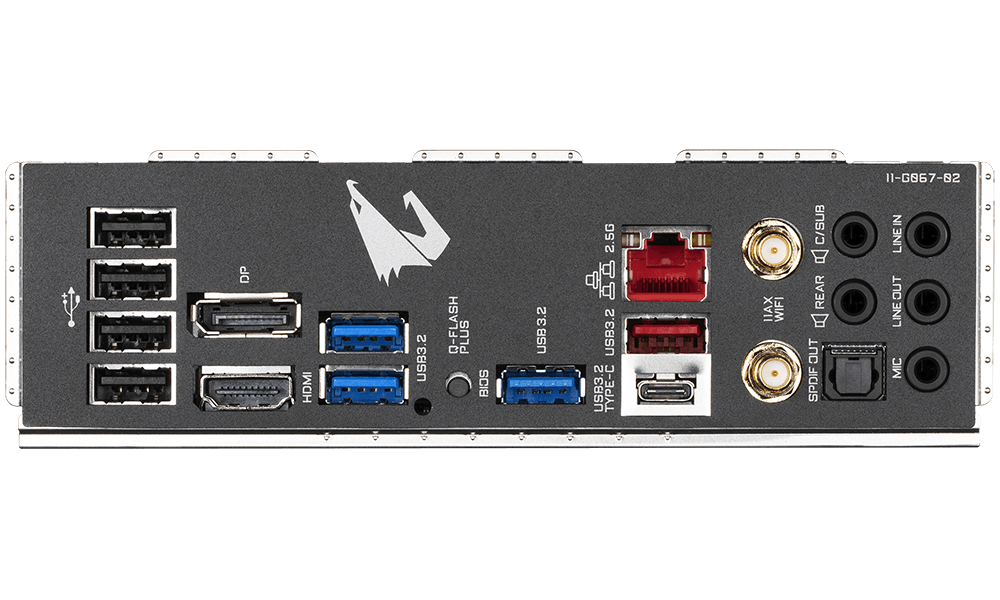
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1. **USB Connectors: -** Here we connect the USB connectors from the case of cpu.

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1. **PCle Slots: -** Here we connect our graphics card / lan drivers / display capture cards, etc.

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1. **I/O Ports: -** There are several ports on the I/O panel of motherboard. They are****

**Audio I/O Connectors (mic,speakers)**

**Wifi Connector**

**Ethernet LAN Port**

**Display Port and HDMI**

**USB Ports**

**USB Ports**

**USB Ports**