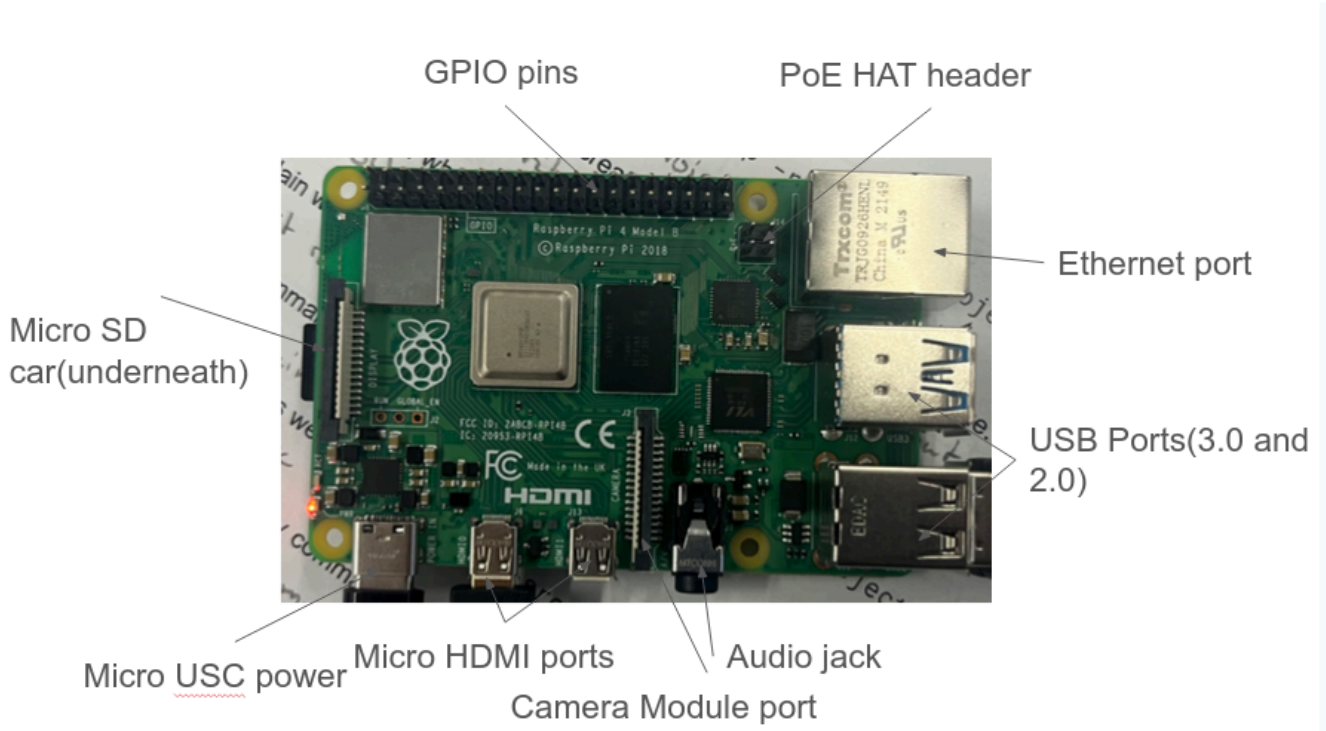
Raspberry Pi



GPIO pins:

- Physical connectors that allow the Raspberry Pi to interact with external electronic components
  PoE HAT header
- A set of four extra pins located on the Raspberry Pi board that are used to connect a separate, stackble PoE HAT device
  Ethernet port
- A physical connector for a wired network connection using an Ethernet cable; allowing for a faster, more stable, and reliable connection
  USB port 2.0
- Slower, lower-power USB ports, designed for connecting peripherals like keyboards and mice.
  USB port 3.0
- The blue USB-A- ports, offering significantly faster data transfer speeds than standard USB 2 ports
  Audio jack
- A versatile, four-connector TRRS jack that can output analog stereo audio for headphones or speakers, and also provides a composite video signal.
  Camera Module port

- A CSI (Camera Serial Interface) port, a long, flat connector designed for a special ribbon cable that directly connects official or compatible camera modules to the Pi
  Micro HDMI ports
- A small, compact version of a standard HDMI port that allows for the transmission of digital audio and video signals
  Micro USC power
- The Raspberry Pi's primary power input
  Micro SD car(underneath)
- A small, non-volatile storage medium that is crucial for booting and running the Pi