

What is virtualization



Types of virtualization

Type 1 VS Type 2 Hypervisor

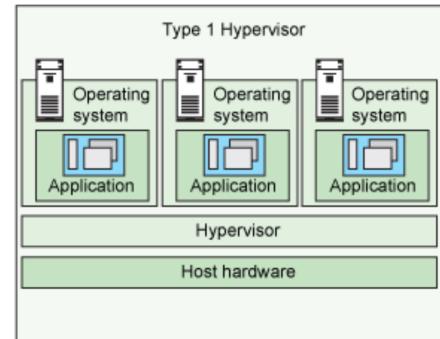
Type 1

Runs on the hardware

Examples are:

VMware ESX and ESXi

Citrix XenServer



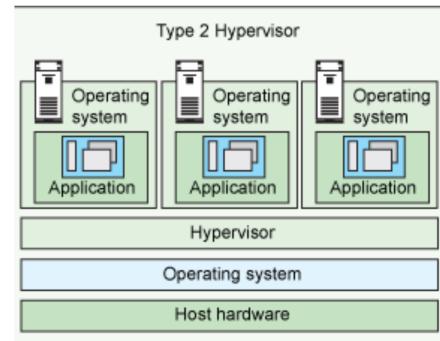
Type 2

Runs on a Host Operating System

Examples are:

VMware Workstation Player/Pro

Oracle VirtualBox



SEE [HTTPS://VAPOUR-APPS.COM/WHAT-IS-HYPERVISOR/](https://VAPOUR-APPS.COM/WHAT-IS-HYPERVISOR/) FOR MORE INFORMATION

anything else you find important

Benefits of Virtualization

Allows running multiple OSs on one machine

Allows applications to be tested before installing them on a host machine

- Example: Linux work environment

Reduces costs by decreasing the physical hardware that must be purchased for a network

Offers the chance to experiment with untested programs without infecting host machines with viruses or other malware

Installing Ubuntu in Virtualbox



Screenshots of installing ubuntu (no more than 5)



What is the raspberry pi



what is the raspberry pi in 100 seconds

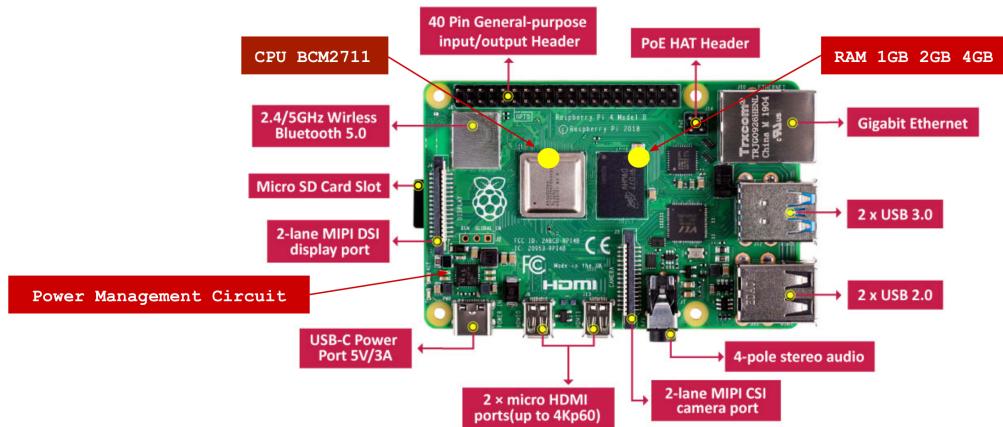
Raspberry Pi - HTTP requests per second. A Raspberry Pi might seem like a harmless little machine that can't handle running a web server, but that is not at all true. In fact, if your internet connection is fast, your Pi is running SSD and you only serve a hello-world project page, then it can handle between 76.000 and 106.000 requests per second.

what is the raspberry pi?

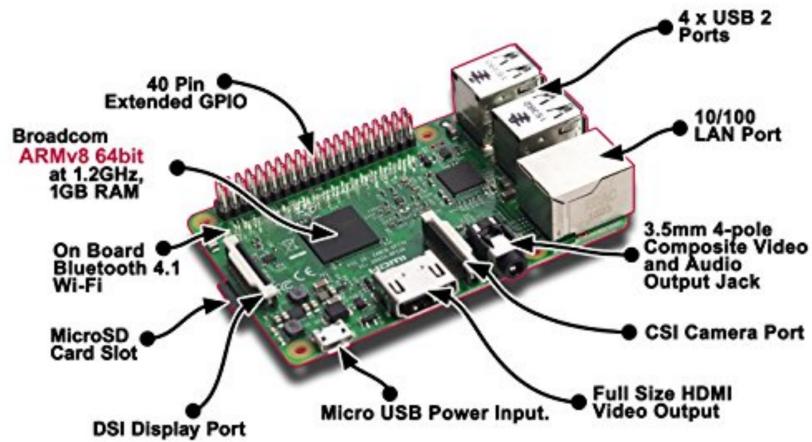
Raspberry Pi Projects for Beginners Personal Computer. Starting off with the simplest of the bunch. ... Home Theater PC. What if you do not want to use the Pi for regular usage? ... Network Storage Server. Network Attached Storage, or NAS for short is a very important concept nowadays. ... Wireless Router. ... Retro Gaming Console. ... Programming and Education

A bulleted list of different models

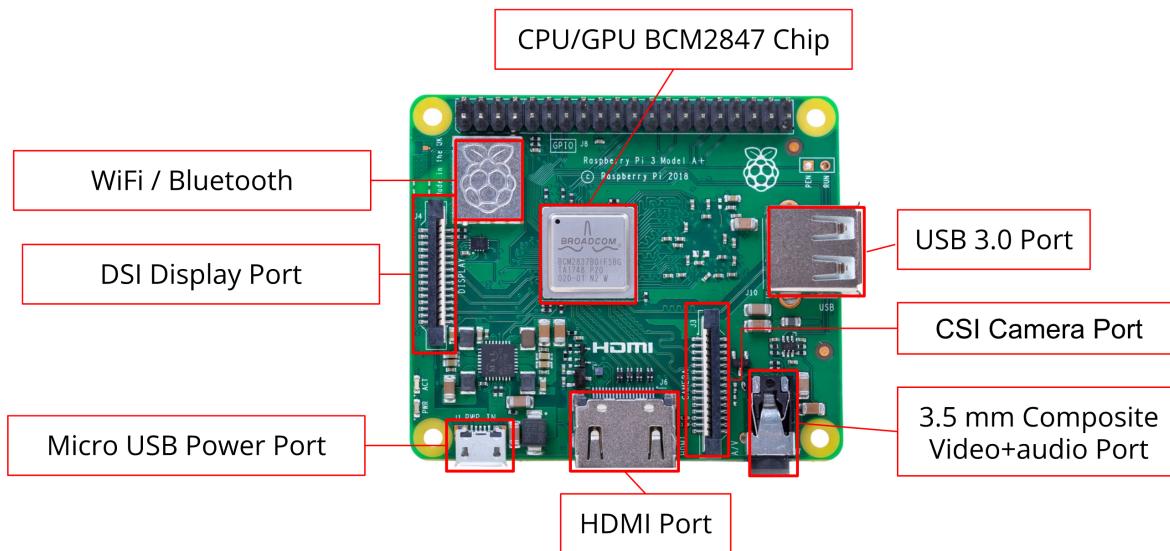
The components of the Pi | Raspberry Pi 4



The components of the Pi | Raspberry Pi 3



The components of the Pi 3 A+



Specs of the latest model (Raspberry pi 4 or 400) you can use a screenshot.



Bulleted listed of 5 projects you can do with a raspberry pi. Use the internet to find this information.

Weather Station with Raspberry Pi
Make a Pi Twitter Bot
Wireless Print Server
FM Radio Station
Build a TOR router