

KNOW YOUR Pi

Since 2012, Raspberry Pi has taught millions of people all over the world how to program and create their own electronics projects. Five years later, we're only too happy to celebrate this small-but-mighty platform on Pi Day!

Let's take a look at all the different flavors of one of our favorite families of single-board computers.

Model B

2012 - DISCONTINUED

SoC : Broadcom BCM2835
CORE : ARM1176JZF-S

CORES ■■■■ SINGLE

CPU CLOCK 0MHz 700MHz 1.2GHz

RAM 0MB 512MB 1GB

USB PORTS ■■■■ TWO

ETHERNET ■ LCD PANEL ■
HDMI ■ SD ■
SPI ■ WI-FI ■
GPIO + I2C ■ BLUETOOTH ■

WEIGHT (oz) 0 1.58oz 2oz

POWER RATING (mA) 0 700mA 1.6mA

Model A+

2014 - \$20

SoC : Broadcom BCM2835
CORE : ARM1176JZF-S

CORES ■■■■ SINGLE

CPU CLOCK 0MHz 700MHz 1.2GHz

RAM 0MB 256MB 512MB 1GB

USB PORTS ■■■■ ONE

ETHERNET ■ LCD PANEL ■
HDMI ■ microSD ■
SPI ■ WI-FI ■
GPIO ■ BLUETOOTH ■

WEIGHT (oz) 0 0.81oz 2oz

POWER RATING (mA) 0 200mA 1K mA

Model 2

2015 - \$35

SoC : Broadcom BCM2836 - BCM2837*
CORE : Cortex-A7 - Cortex-A53 64 bits*

CORES ■■■■ QUAD

CPU CLOCK 0MHz 900MHz 1.2GHz

RAM 0MB 512MB 1GB

USB PORTS ■■■■ FOUR

ETHERNET ■ LCD PANEL ■
HDMI ■ microSD ■
SPI ■ WI-FI ■
GPIO + I2C ■ BLUETOOTH ■

WEIGHT (oz) 0 1.58oz 2oz

POWER RATING (mA) 0 700mA 1K mA

WISHING YOU AND YOURS A LOVELY 3/14

And there you have it: everything you've ever wanted to know about Raspberry Pi (and maybe some things you didn't want to know about tarantulas). We hope you enjoyed this annual celebration of all things Pi - now go forth and create!

*TARANTULAS TYPICALLY WEIGH BETWEEN 28.3g AND 85g SOAKING WET AND ARE NOT A THREAT TO HUMANS (LIVESCIENCE.COM)

Model Zero

2015 - \$5

SoC : Broadcom BCM2835
CORE : ARM1176JZF-S

CORES ■■■■ SINGLE

CPU CLOCK 0MHz 500MHz 1GHz

RAM 0MB 512MB 1GB

USB PORTS ■■■■ Micro

ETHERNET ■ LCD PANEL ■
Mini HDMI ■ microSD ■
SPI ■ WI-FI ■
GPIO + I2C ■ BLUETOOTH ■

WEIGHT (oz) 0 0.32 2oz

POWER RATING (mA) 0 180mA 1K mA

Model 3

2016 - \$35

SoC : Broadcom BCM2837
CORE : ARM1176JZF-S

CORES ■■■■ QUAD

CPU CLOCK 0MHz 500MHz 1.2GHz

RAM 0MB 512MB 1GB

USB PORTS ■■■■ FOUR

ETHERNET ■ LCD PANEL ■
HDMI ■ microSD ■
SPI ■ WI-FI ■
GPIO + I2C ■ BLUETOOTH ■

WEIGHT (oz) 0 1.58 2oz

POWER RATING (mA) 0 800mA 1K mA

Model Zero W

2017 - \$10

SoC : Broadcom BCM2835
CORE : ARM1176JZF-S

CORES ■■■■ SINGLE

CPU CLOCK 0MHz 512MHz 1GHz

RAM 0MB 512MB 1GB

USB PORTS ■■■■ Micro

ETHERNET ■ LCD PANEL ■
Mini HDMI ■ microSD ■
SPI ■ WI-FI ■
GPIO + I2C ■ BLUETOOTH ■

WEIGHT (oz) 0 0.32 2oz

POWER RATING (mA) 0 160mA 1K mA