

Riverside Raspberry Pi

07/08/19 meeting

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Thanks to Excite for hosting our meetings!

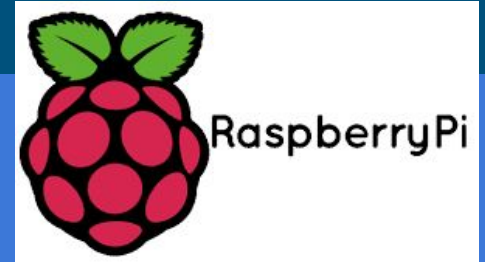
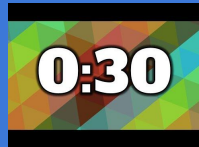
Excite (<https://exciteriverside.org/>) is a unique tech business acceleration program created in collaboration between business leaders, the City and County of Riverside, and the University of California Riverside.

They offer 24/7 coworking and startup incubation.

-contact Jennifer Yturralde at jenyt@ucr.edu for more information

RivRPi intro

- Who we are
- Don't feel you need to stay the whole time
- Additional snacks provided by member Jer
- New members
- Slide deck availability
- Introductions



Publication:

MagPi magazine

<https://www.raspberrypi.org/magpi/issues/83/>

Pi 4 coverage (pg

TV wall (pg 12)

(all issues available here: <https://www.raspberrypi.org/magpi-issues/>)



Publication:

HackSpace magazine:

<https://hackspace.raspberrypi.org/issues/20/>

(all issues available here: <https://hackspace.raspberrypi.org/issues>)



Raspberry Pi resources:

Riverside Raspberry Pi group:

MeetUp: <https://www.meetup.com/Riverside-Raspberry>

Gitter: <https://gitter.im/RiversideRaspberry/Lobby>

Raspberry Pi Foundation: <https://www.raspberrypi.org/homepage-9df4b/>

Temecula: Hardware Innovators of Murrieta and Temecula:

<https://www.meetup.com/Hardware-Innovators-of-Murrieta-and-Temecula/>

Orange County: EarthMake - OC Arduino + Raspberry Pi Electronics Makers:

<https://www.meetup.com/EarthMake/>

Other groups:

Other groups that meet at Excite:

Inland Empire Python User Group (<https://www.meetup.com/iepython/>)

IE Wordpress (<https://www.meetup.com/inlandempirewp/>)

StartupIE (<https://www.meetup.com/startupie/>)

Artificial Intelligence: Kick Ass Discussion in Action (<https://www.meetup.com/ArtificialIntelligencekickass/>)

NEW: Inland Empire Software Development (IESD) (<https://www.meetup.com/iesd-meetup/>)

Other Tech MeetUps in the IE:

Redlands: Inland Empire Tech Happy Hour (<https://www.meetup.com/ietechies/events/>)

Redlands Ruby User Group (<https://www.meetup.com/Redlands-Ruby-User-Group/>)

Other SoCal groups:

Anaheim: SoCal IT Professional Association (<https://www.meetup.com/SoCalITPros/>)

Presentation:

Raspberry Pi 4 Model B:

Quick specs:

SoC: Broadcom BCM2711B0 quad-core A72 (ARMv8-A) 64-bit @ 1.5GHz

GPU: Broadcom VideoCore VI

Networking: 2.4 GHz and 5 GHz 802.11b/g/n/ac wireless LAN

RAM: 1GB, 2GB, or 4GB LPDDR4 SDRAM

Bluetooth: Bluetooth 5.0, Bluetooth Low Energy (BLE)

GPIO: 40-pin GPIO header, populated

Storage: microSD

Ports: 2 × micro-HDMI 2.0, 3.5 mm analogue audio-video jack, 2 × USB 2.0, 2 × USB 3.0, Gigabit Ethernet, Camera Serial Interface (CSI), Display Serial Interface (DSI)

Dimensions: 88 mm × 58 mm × 19.5 mm, 46 g



Presentation:

Raspberry Pi 4 Model B:

Reviews:

MagPi July 2019 (pg 26): full coverage

<https://www.raspberrypi.org/magpi/issues/83/>

Elector Review: Meet the Raspberry Pi 4

<https://www.elektormagazine.com/news/review-raspberry-pi-4>



Meeting notes I:

pfSense an open source firewall: <https://www.pfsense.org/>

pfSense hardware firewall: <https://store.netgate.com/pfSense/SG-1100.aspx>

Ubiquiti edge router (firewall) can be loaded with pfSense

This place makes a cool CNC/laser cut case for Pi (and other boards): <https://thecuriouspenguin.com/>

Surplus computer place in Santa Ana (other side of freeway from Micro Center)

<http://stage.malltech.com/>

(there is another similar one next complex to the east)

Surplus computers (plus other stuff) in Temecula: <http://www.surpluscorner.com/>

Fan reduces Raspberry Pi 4 temperature from 80°C to 40°C

<https://www.electronicsworld.com/news/business/fanreduces-raspberry-pi-4-heat-2019-07/>



Riverside Raspberry Pi

End

