



2017

QC MakeFest

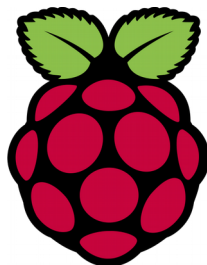
### Required Materials

- \* RPi 2 with 16GB MicroSDHC card
- \* 64GB USB Drive
- \* 2A USB power adapter/cell phone charger
- \* HTPC Keyboard/Touchpad
- \* HDMI Cable
- \* Ethernet patch cable
- \* 32" HDMI LCD Display (built-in speakers)
- \* TP-LINK TL-MR3020 Travel WiFi Router
- \* (OpenWRT Installed)

Raspberry Pi  
Open Source  
Media Center  
Featuring  
Emby



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### Build Instructions

- \* Download and install OSMC (<https://osmc.tv>)
- \* Install Emby Dependencies
- \* Compile and Install x264
  - \* (Available from [videolan.org](http://videolan.org))
- \* Compile and Install FFmpeg
  - \* (With x264 and mp3lame support)
- \* Install Mono Libraries
- \* Install Emby Server
- \* Install Emby XBMC Add-on
- \* Create an Emby Server startup script (Optional)

Emby and dependencies can be installed easily with this script!

[https://github.com/douglasorend/osmc\\_install\\_emby](https://github.com/douglasorend/osmc_install_emby)