

TEXAS BBQ, PI2 & WIN10



ABOUT TIM RAYBURN

- VP of Consulting for Improving Enterprises
- 8 Year Microsoft MVP
- Gamer (Card, Board, PC & Console)
- Dumbest Guy In The Room
- BBQ Fanatic





"Without obsession, life is nothing."

-JOHN WATERS



GRILLING



BBQ (AKA SMOKING)

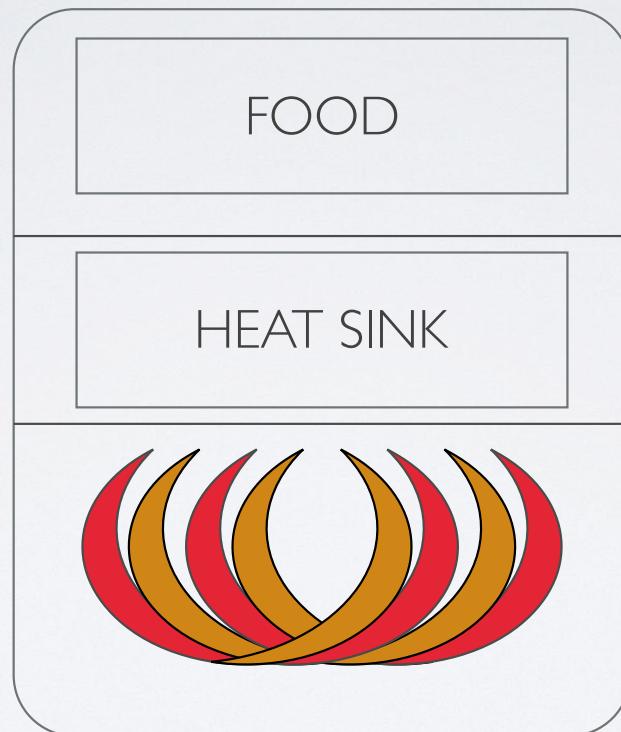


KLOSE BACKYARD CHEF 50"





VERTICAL SMOKER









Pork

Poultry

Beef

Lamb

500

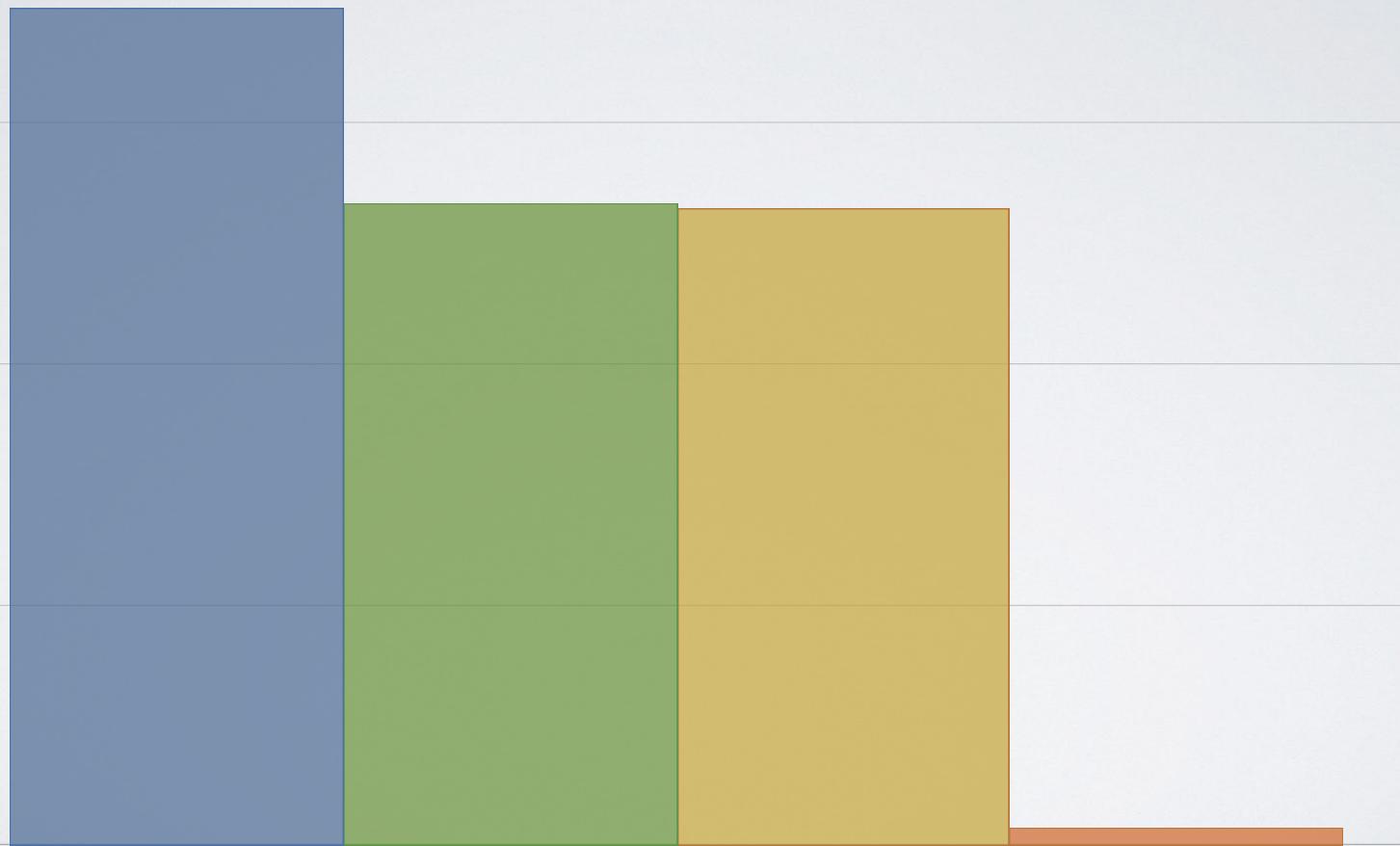
375

250

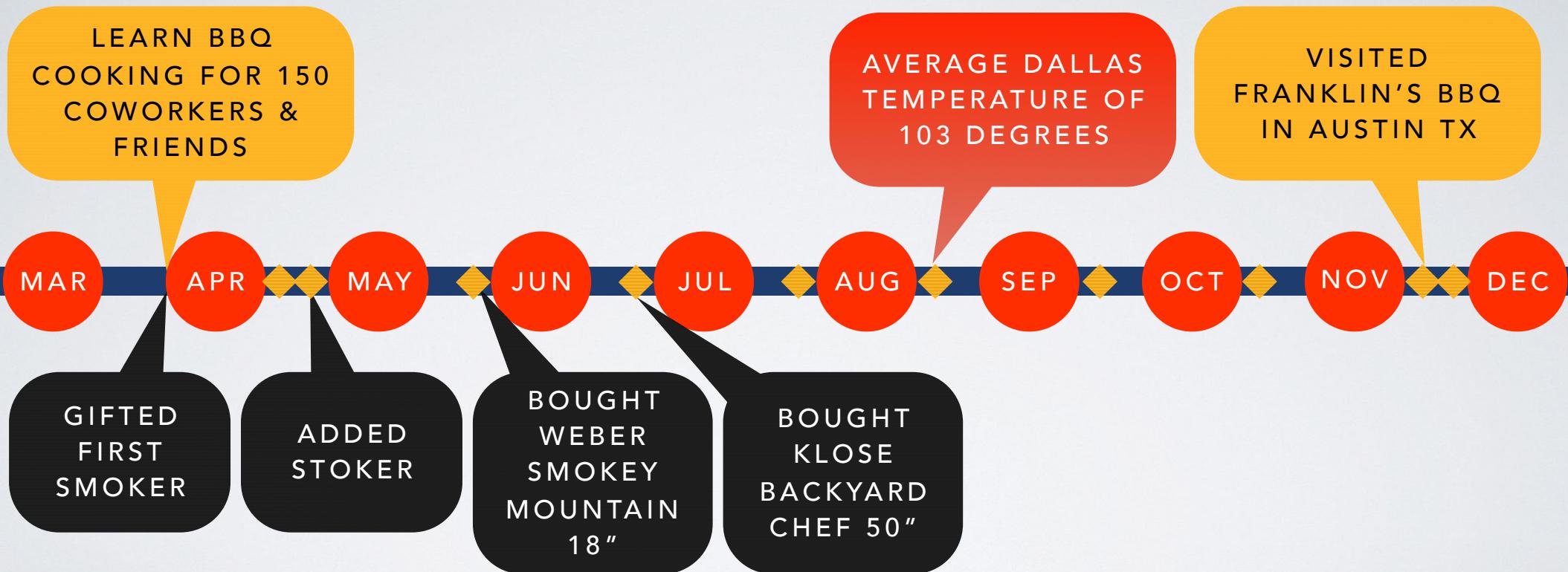
125

0

Pounds of BBQ



MY JOURNEY 2015



ROCK'S BAR-B-QUE

STOKER POWER DRAFT SYSTEM

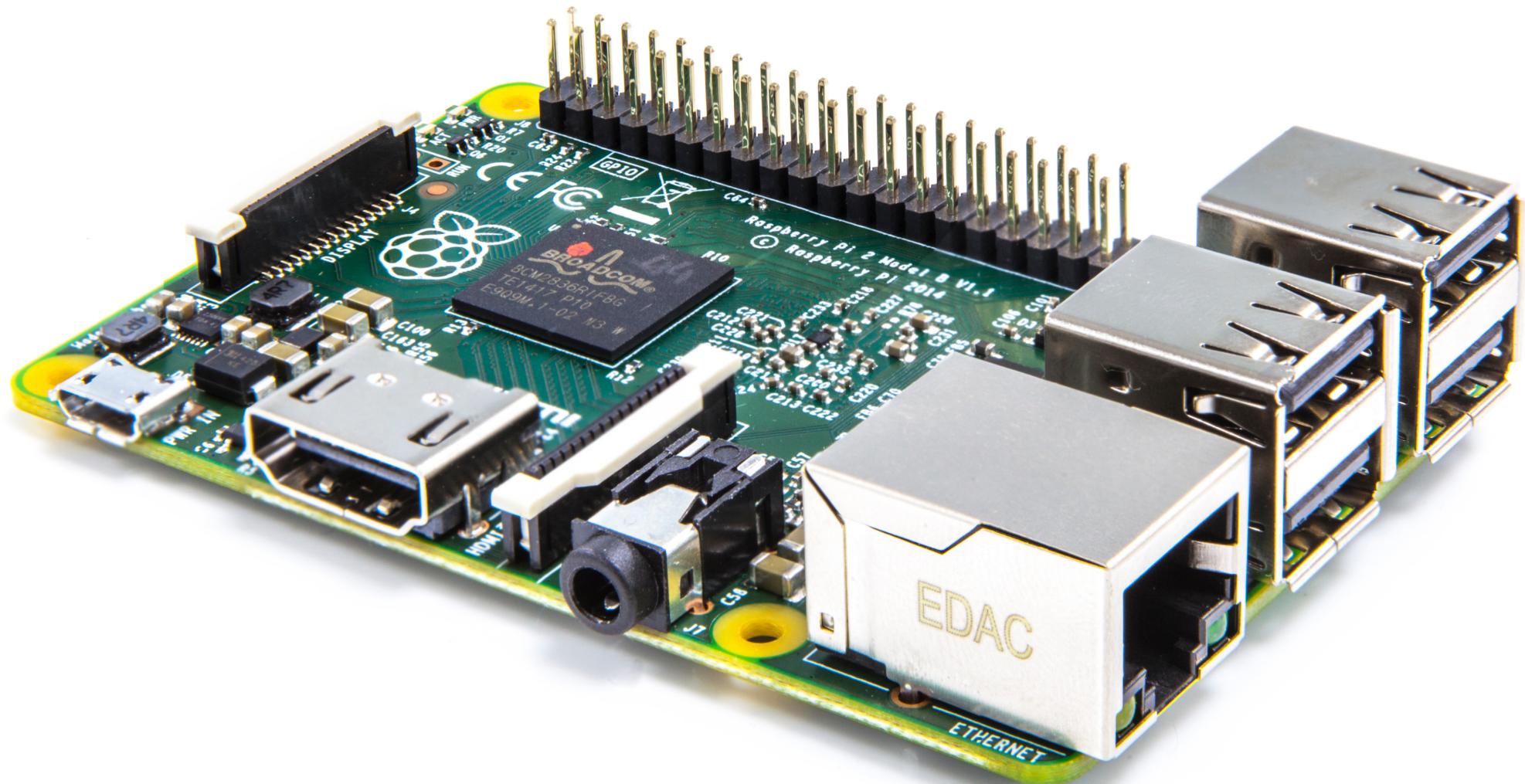


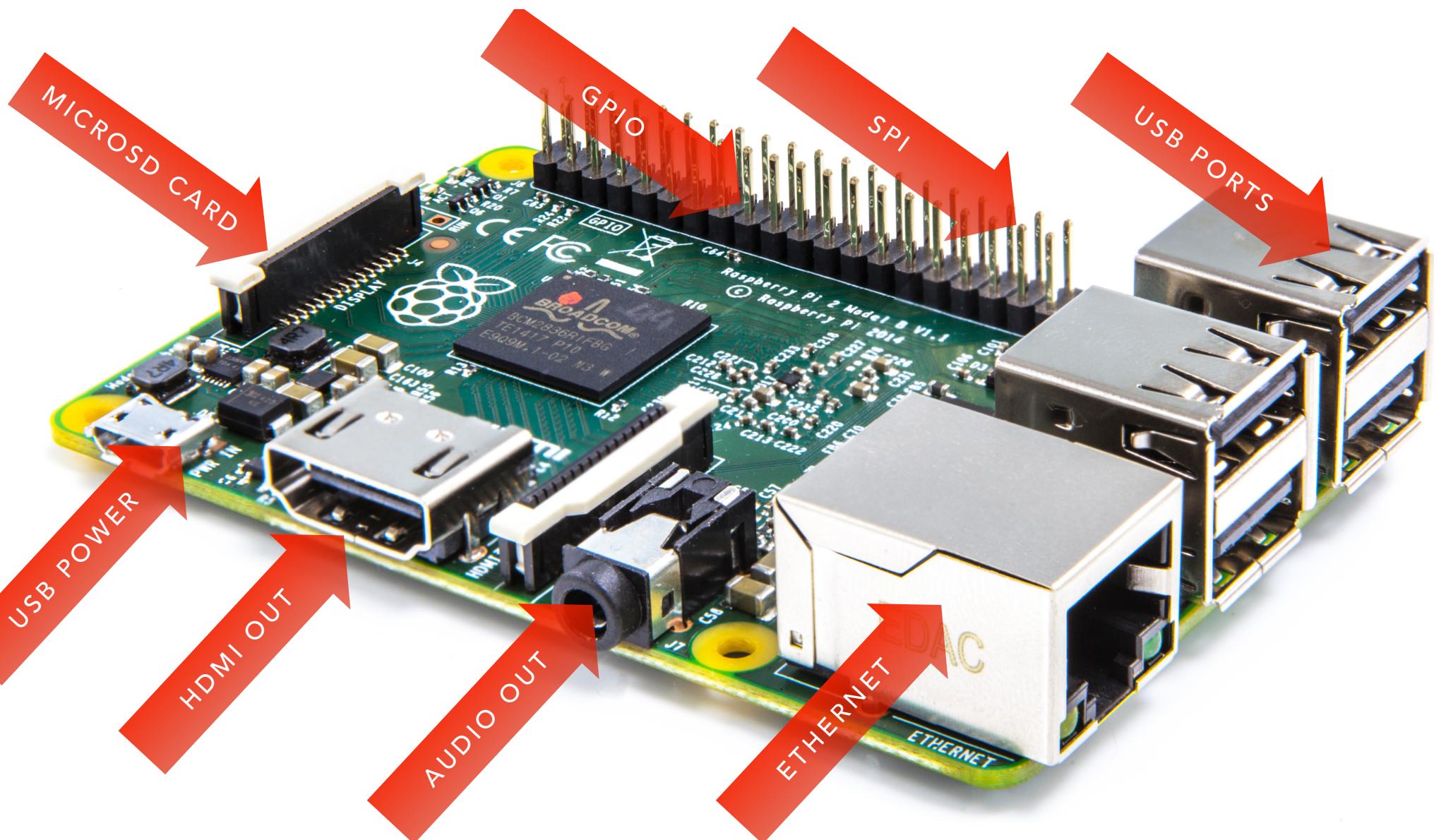
A photograph of George W. Bush, former President of the United States, speaking at a podium. He is wearing a dark suit, a light blue shirt, and a red tie. He has his right hand to his forehead and is holding a black microphone in his left hand. The background is a bright, slightly overexposed sky.

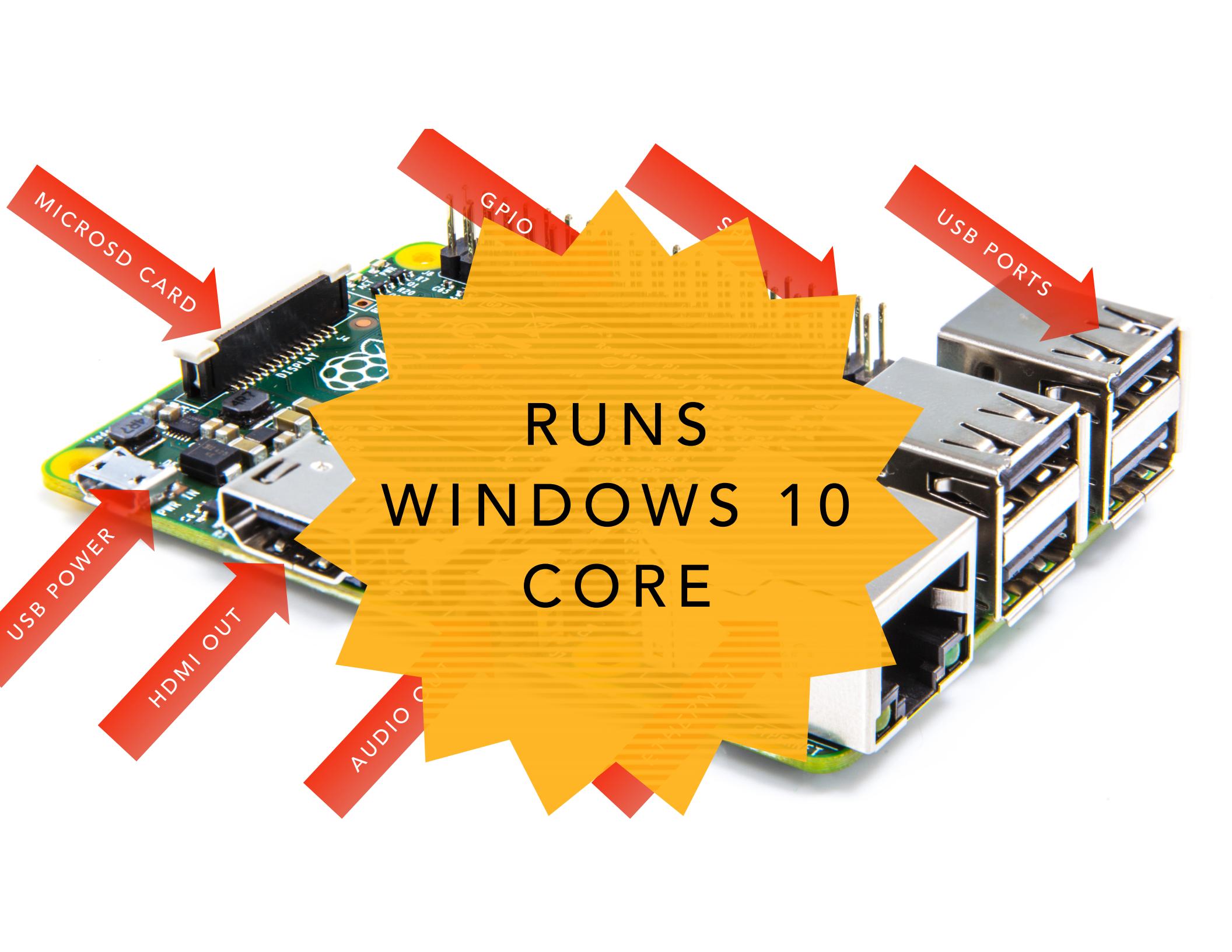
COULD I BUILD ONE OF THESE?

BUY VS BUILD

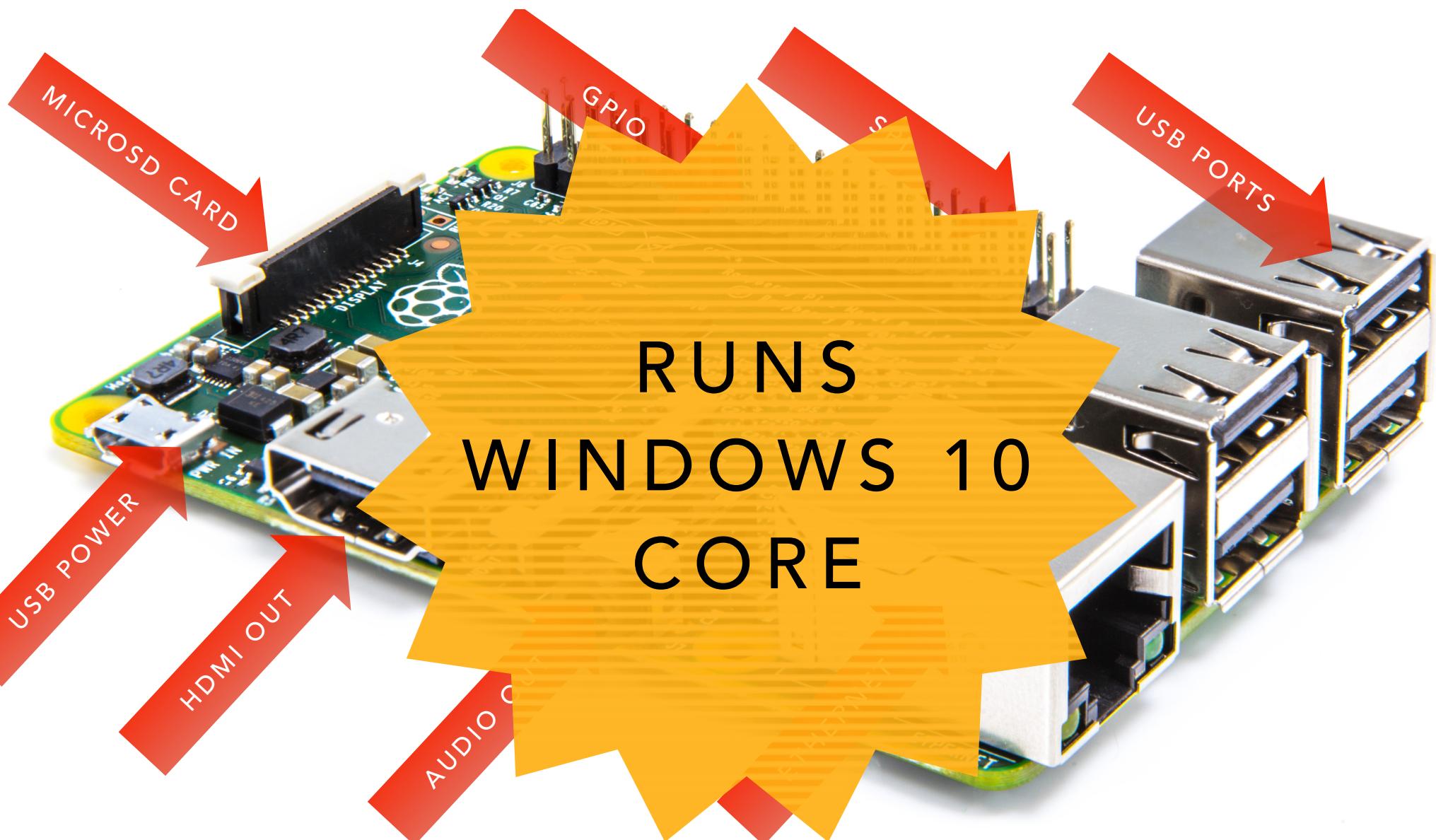
- Stoker will get you up and running faster and is an amazing device
- BYO will teach you more about things you should probably be learning about.







RUNNS
WINDOWS 10
CORE



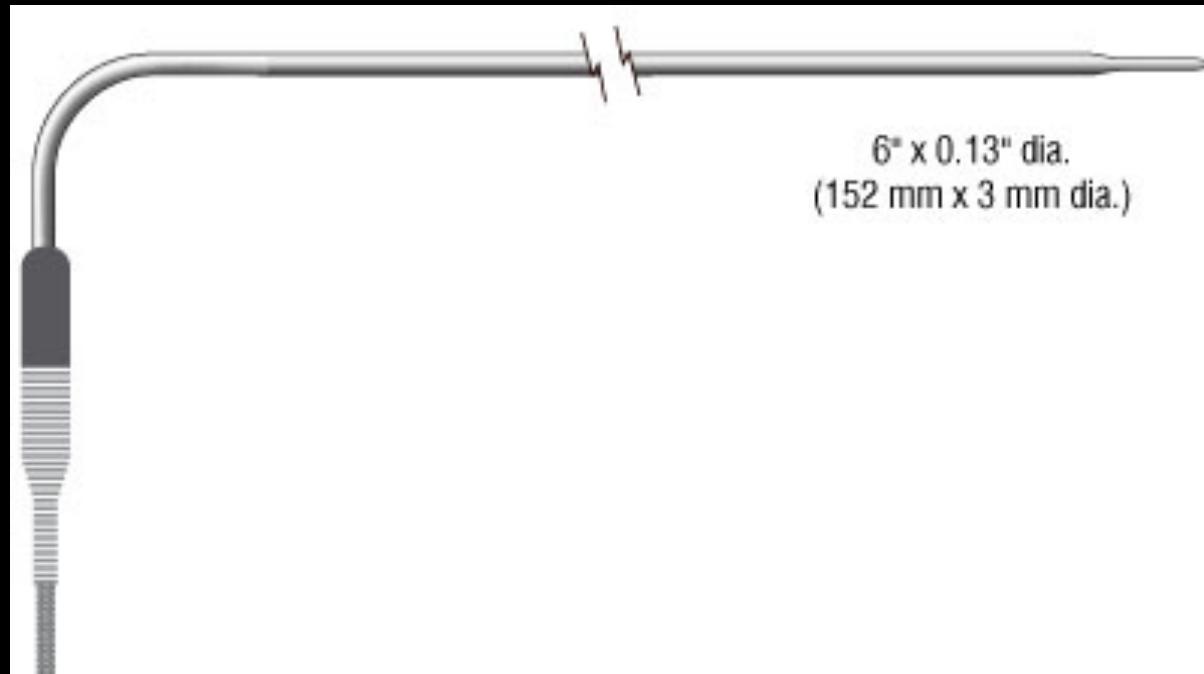
OUR PROBLEM DOMAIN

- Monitor BBQ Temperatures, either Air or Meat, the problem is the same either way
- Display the results on the screen
 - Once you have the data, sending it other places isn't a big deal
 - That Is It, nothing else

OUR PARTS LIST

- Raspberry Pi 2
- TX-1001X-OP Temperature Probe from ThermoWorks
- 1K Ohm Resistor
- MCP3008 ADC
- 2.5mm Jack
- Breadboard, Jumpers, etc.
- Eventually you'll likely want a soldering iron

A thermistor is a type of resistor whose resistance is dependent on temperature, more so than in standard resistors. The word is a portmanteau of thermal and resistor.



A thermistor is a type of resistor whose resistance is dependent on temperature, more so than in standard resistors. The word is a portmanteau of thermal and resistor.

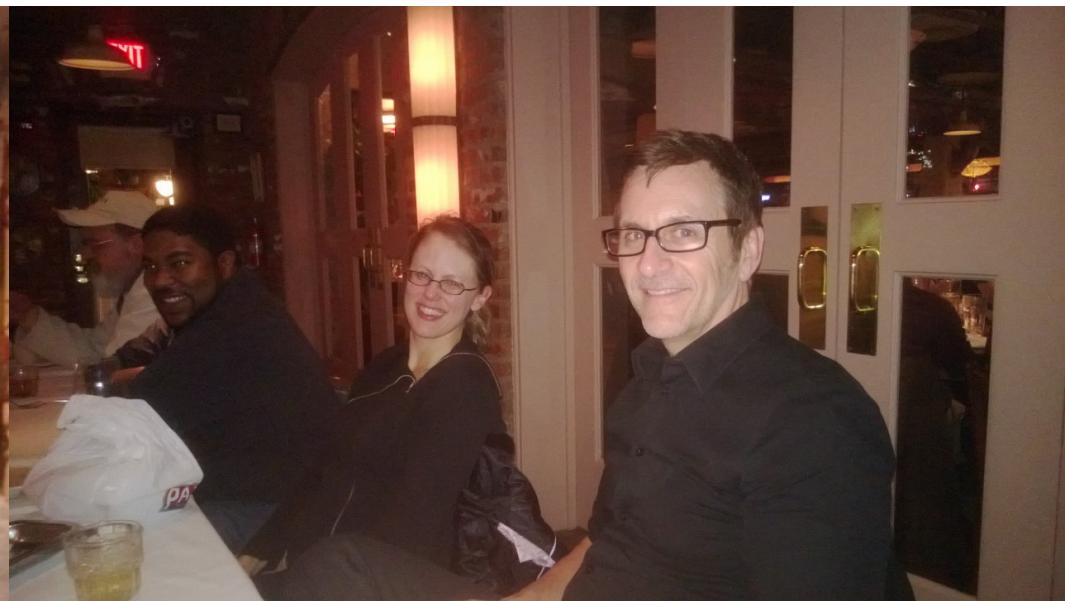


IMPORTANT LINKS

- Setting up Windows 10 on a Raspberry Pi 2
<https://ms-iot.github.io/content/en-US/win10/SetupRPI.htm>
- Raspbian Walkthrough & Parts List
<http://pibbqmonitor.blogspot.com/>
- Stoker Power Draft System
<https://www.rocksbarbque.com>
- Tim Rayburn's Blog
<http://TimRayburn.net>







WHY I WORK FOR IMPROVING, AND YOU SHOULD TOO

- Leadership who honestly care about the consultants that work for us.
- Get to be the dumbest guy in the room on a regular basis.
- Work hard, Play hard!
 - Annual Trip to Vegas
 - Movie Nights, Monthly Employee Events
- Improving U - Internal Training on professional and personal skills
- Annual Profit Sharing that regularly pays out over \$250,000 / year with top earners netting over \$10,000 / year