1. Intro
   1. DIY vs. Prebuilt (Pro/Con)
   2. DIY vs. Laptop (Pro/Con)
   3. Planning your build
      1. Assess needs
      2. Pick Budget (PC budget + Peripherals + Furniture)
      3. Pick parts
2. Important notes after picking
   1. Look beyond the specs
      1. Seek reviews
      2. Customer Service
      3. Spare parts
   2. Futureproofing and Bottlenecking
   3. Where to buy?
      1. Is used OK?
3. How to pick parts
   1. CPU
      1. Platform (AMD or Intel)
      2. Consumer vs HEDT
      3. CPU vs. APU
      4. Clock speeds
      5. Cores and Threads
   2. Motherboard
      1. Chipsets and Sockets
      2. Form factor (ITX, ATX, etc..)
      3. Things to look for?
         1. Wifi and ethernet
         2. USB Ports/ IO
         3. VRM/Thermals
         4. PCIe Slots
         5. Ram Slots
         6. SATA Ports
         7. M.2 Ports
   3. RAM
      1. How much is too much?
      2. Speeds, latency and timings
      3. Channels, Ranks
      4. Things to look out for?
         1. Height
         2. Matched/mismatched pairs
         3. Intel vs AMD for RAM
   4. Graphics
      1. Nvidia vs AMD
      2. VRAM
      3. Clock and Mem speeds
      4. Things to look for?
      5. SLI/Crossfire
         1. Physical size (length/slots)
         2. Power requirements
         3. Fan Count (or blower)
         4. GPU outputs
   5. Storage
      1. HDD vs SSD or both?
      2. Physical size (3.5”, 2.5”, M.2, U2, PCIe, SAS)
      3. Features for both?
         1. Speed (Read/Write)
         2. Reliability
         3. Noise
      4. SSDs
         1. Are all SSDs equal?
         2. SATA M.2 vs NVME
   6. Power Supply
      1. How many Watts do you need?
      2. Form Factor (ATX,ITX) and size
      3. Modularity (Full, Semi, None)
      4. Cabling (do not switch between PSU)
      5. 80+ Efficiencies
   7. Case
      1. Physical size (Tower sizes)
      2. Fan placement
      3. Airflow
      4. Things to look for?
         1. Buttons and ports (Audio, Power, USB)
         2. Tempered Glass, Acrylic, No viewable panel
         3. Toolless Opening
         4. Cable Management
   8. Fans and Cooling
      1. Fans
         1. Static Pressure vs Airflow
         2. Sizes (120mm, 140mm, 80mm)
         3. PWM vs non-PWM
      2. Cooling
         1. Thermal Paste
         2. Air vs Liquid AIO
         3. TDP from Cooler vs TDP from CPU
         4. Air
            1. Stock cooler?
            2. Tower Cooler
            3. Fans
         5. Liquid
            1. Radiator Sizes
            2. Leaks?
   9. Peripherals and Display
      1. Keyboard
         1. Mechanical vs Rubber Dome
         2. Keyboard sizes
      2. Mouse
         1. DPI
         2. Wired vs. Wireless
      3. Audio
         1. Headphones
         2. Speakers
         3. DAC/AMP
      4. Monitor and Display
         1. IPS/VA/TN
         2. Freesync and G-Sync
         3. Refresh Rates + Resolutions + Aspect Ratio
         4. HDMI vs DP
   10. Furniture
       1. Chairs
       2. Tables
4. Resources
   1. <https://www.pcpart.space/>
   2. <https://pcpartpicker.com/>
   3. <https://old.reddit.com/r/buildapc/comments/iye9ia/a_detailed_guide_for_building_your_own_gaming_pc/>