Filename: comptia-itfunfc0u61-4-1-0-central-processing-unit-cpu
Show Name: CompTIA IT Fundamentals (Exam FC0-U61)
Topic Name: Computer Hardware
Episode Name: Central Processing Unit (CPU)
Show Description: In this episode, Don and Ronnie dive into basic computing hardware. The team talk about some of the different types of computers and where they're found in daily life!
Keywords: Workstations, laptops, servers, mobile, tables, IoT, CPU, Processing Speed.

Central Processing Unit

- Central Processing Unit (CPU)

    - General Purpose PC

        - Workstations
        - Laptops
        - Servers

    - Specialized

        - Mobile phones
        - Tablets
        - Gaming consoles
        - IoT

    - CPU

        - ARM

            - Mobile phone
            - Tablet
            - More energy efficient
            - simplifies all processing

                - Algrebra Teacher "Simplify Problems"

        - 32-bit

            - Laptop
            - Workstation
            - Server
            - Eating a Burger bite by bite
            - limited to access up to 4GB of RAM

        - 64-bit

            - Laptop
            - Workstation
            - Server
            - Eating a cow at a time
            - access more than 4 GBs of RAM upto to approx 18 Billion GB of RAM

    - Processing speed

        - MHz (1,000,000 Hertz)
        - GHz (1,000,000,000 Hertz)