Panda Board ES

- The insides…
  - Memory:
    - 1GB Low Power DDR2
    - SD Card: 32 GB
  - GPU:
    - PowerVR SGX540
      - Supports:
        - OpenGL ES 2.0
        - Direct X 10.1
        - Shader Mod. 41
  - CPU: Dual-core ARM Cortex A9
    - MPcore Symmetric Multiprocessing (SMP) up to 1.2Ghz each
  - Software it supports:
    - Android
    - Angstrom
    - Arch Linus ARM
    - Debain
    - Fedora
    - GeeXbox
    - Gentoo
    - Linaro
    - Meego
    - Minimal FS
    - Poky
    - RISC OS
    - Symbian
    - Ubunto
- The outers…
  - Display:
    - HDMI v1.3 Connector (Type A) to drive HD displays
    - DVI-D Connector (Can drive a 2nd display, simultaneously display, but requires HDMI to DVI-D adapter)
    - LCD expansion header
    - DSI Support
  - Audio
    - 3.5" Audio in/out (standard headphone jack)
    - HDMI Audio out
    - Sterio audio input support
  - Expansion Slots
    - (1) USB 2.0 High-Speed On-the-go port
    - (2) USB 2.0 High-Speed host ports

- General purpose expansion header (I2C, GPMC, USB. MMC, DSS, ETM)
- Camera expansion header
- LCD signal expansion using a single set of resistor banks
  - Wireless Connectivity
    - 802.11 b/g/n (Based on WiLink 6.0)
    - Bluetooth v2.1 + EDR (Based on Wilink 6.0) Bluetooth Low Energy Capable