## MT8163V/B

### Highly integrated 64-bit quad-core tablet platform

MediaTek MT8163 is a highly integrated SOC which incorporates a latest 64-bit quad-core ARM Cortex-A53 MPCore, 3D graphics (OpenGL ES 3.1), 13-megapixel camera ISP, DDR3/L up to 800MHz and high-definition 1080p video decoder. MT8163 helps tablet manufacturers build a high-performance media tablet with PC-like browser, 3D gaming and cinema class home entertainment experiences.

### Processor

- **CPU Cluster 1:**
  - ARM-A53 @ 1.3GHz
- **CPU Core:**
  - Quad (4)
- **CPU Bits:**
  - 64-bit
- **Memory:**
  - DDR3, LPDDR3 (Single Channel)

### Graphics

- **GPU Type:**
  - ARM Mali-T720
- **Display Resolution:**
  - 1920 x 1080
- **Video Encode:**
  - H.264
- **Video Decode:**
  - H.264, H.265 / HEVC, MPEG-1/2/4

### Connectivity

- **Connectivity:**
  - Bluetooth, FM Radio, GNSS: GPS, Glonass, Beidou, Galileo, Wi-Fi
- **Wi-Fi (IEEE 802.11):**
  - a/b/g/n
- **Wi-Fi Frequency:**
  - 2.4GHz, 5GHz

### Camera

- **Camera ISP:**
  - 13MP
- **Recording Resolution:**
  - 1920 x 1080

### Mediatek Technologies

- MiraVision