

ARM Cortex-A311d2

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ARM Cortex-A311D2	ARM Cortex-A311D2 Cortex-A73 Cortex-A53
GPU	ARM Mali-G52 MP8
Cache	4x 32KB L1 Instruction Cache / 4x 32KB L1 Data Cache (8x 32KB L2 Cache)
Cache	32KB L2 Cache / 256KB L3 Cache / 128KB L4 Cache / 64KB L5 Cache
Cache	11.0 MB L2 Cache
Cache	Wi-Fi 2.4 GHz / Bluetooth 4.2 / Bluetooth 5.0 (M.2)

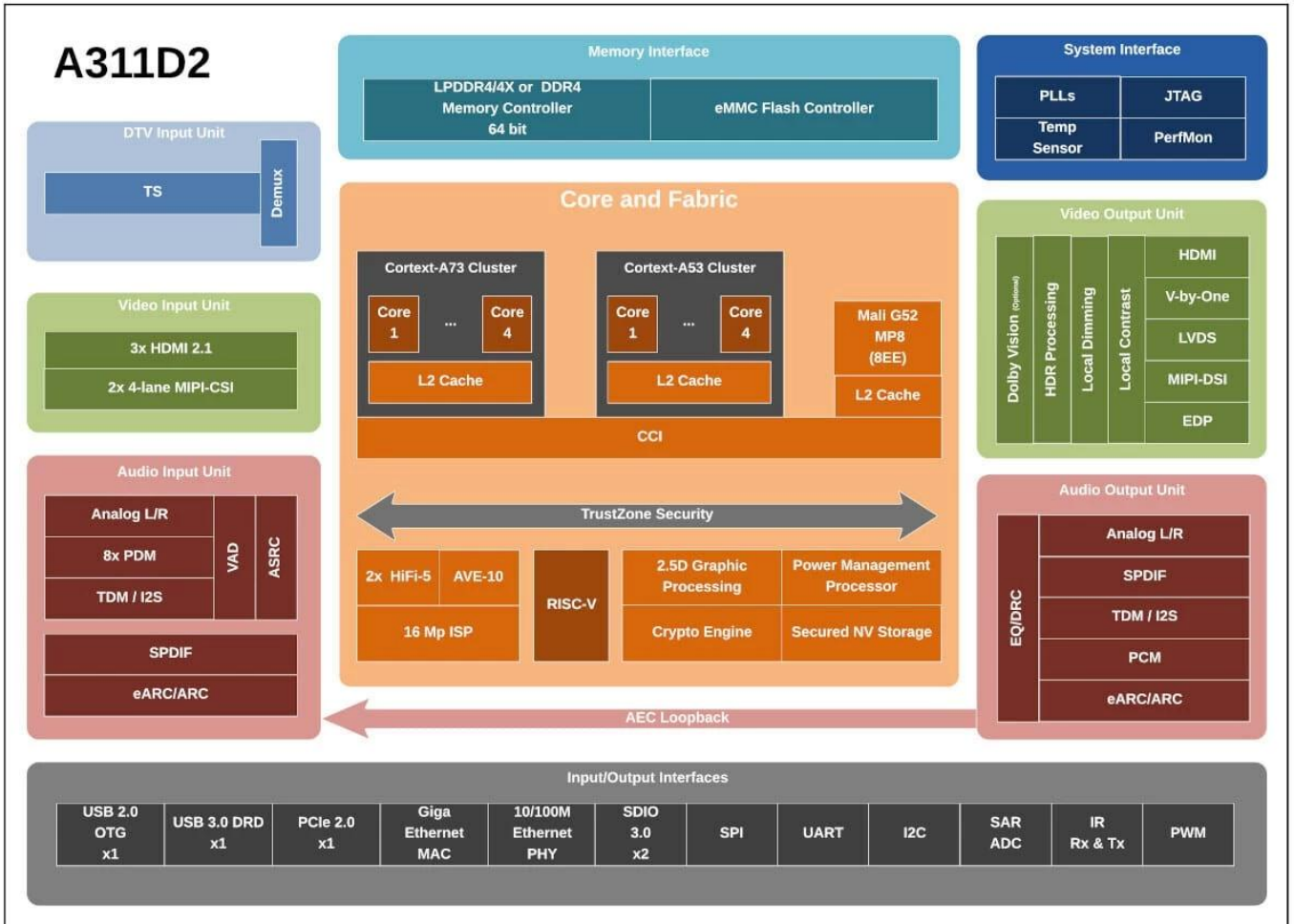
ARM Cortex-A311d2 Features

ARM Cortex-A311d2	3 * ARM Cortex-A311d2
ARM Cortex-A311d2	1 * ARM Cortex-A311d2
ARM Cortex-A311d2 LVDS	1 * ARM Cortex-A311d2 LVDS LCD 50/60
ARM Cortex-A311d2 V-By-One	2*8 ARM Cortex-A311d2 V-by-One 4 Kp604 2K @ 60
ARM Cortex-A311d2	ARM Cortex-A311d2 12/5 PWM
ARM Cortex-A311d2 USB	1 * ARM Cortex-A311d2 USB 2.0 A (USB OTG)
ARM Cortex-A311d2	2 * 2 * ARM Cortex-A311d2 RS232 * 2 TTL TF
ARM Cortex-A311d2	2 * ARM Cortex-A311d2 CSI
ARM Cortex-A311d2 PDM	ARM Cortex-A311d2 PDM I2S
ARM Cortex-A311d2	1 * ARM Cortex-A311d2 RJ45 100/1000
ARM Cortex-A311d2	ARM Cortex-A311d2 SPDIF COAX
ARM Cortex-A311d2	ARM Cortex-A311d2 AUDIO_Line out
ARM Cortex-A311d2 RTC	ARM Cortex-A311d2 RTC IR
ARM Cortex-A311d2	ARM Cortex-A311d2 TF & USB OTA

ARM Cortex-A311d2 12/5 PWM







T085T01

Amlogic A311D2 Android Smart Integrated Board

Amlogic A311D2 Android Smart Integrated Board

Amlogic A311D2 Android Smart Integrated Board is a high-performance Android Smart Integrated Board. It features a powerful Cortex-A73 and Cortex-A53 core combination, providing excellent performance for various applications. The board is equipped with advanced video processing capabilities, including 4K@60fps video playback and recording. It also supports a wide range of audio formats and has a rich set of I/O interfaces, making it a versatile choice for various smart devices. The board is designed for easy integration and development, with a comprehensive set of documentation and support resources available.

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* 00000 00000 V-By-One / LVDS 00000 00000 000 0000 00 00000000 000
000* Ethernet 0WiFi (00000 00000 M.2) 0RTC
0000 * 1 :0000 00000 0000000 * USB OTG 1 * 00000 USB 3.0 A 2 * 00000000 000000 RS232 1 * 0000
0000000 TTL 1 * 000000 ADC0000000 00 0000000000 000000000 00000000 00 0000000 00000 0000 0
000000000 0000000 0000000 0000 * HDMI LVDS 00 HDMI V-by-one
4 0000 0000 0000000 00 00000 :00000000 00000 *K*2K@60fps 00000000 LCD 0000000 00000 0000000 0000000000
00000000 0000 LVDS 00 V-By-One
0000000 4*2* MIPI-DSI 01200*1920 0000 0000 00000
000000 000000000 0000 * Android 000000000 000000000 000000000 0000000 000000000 0000000 000000000
000000000 000000000 000000000 000000000 0000000 00 0000000 00000 000000000 0000 .000000000
0000* AV1 0 MP-10 0 VP9 0 AVS2 0 MPEG2 0 MPEG4 0 H.265 0 wmv 0 mkv 0 mov 0 iso 0000000000 00 000000000
0000000000 0000000000
4 00000 000000000 000000 00000 0000 *K
4 00000 00000000000 0000000 00000 0000000000 00000 0000000 00000 0000 *K