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Hardware specification

CPU	A20 ARM [®] Cortex [™] -A7 Dual-Core
GPU	ARM Mali400MP2 Complies with OpenGL ES 2.0/1.1
Memory (SDRAM)	1GB DDR3 (shared with GPU)
Onboard Storage	SD (Max. 64GB) / MMC card slot UP to 2T on SATA disk
Onboard Network	10/100/1000 Ethernet RJ45 (optional USB WIFI Dongle)
Camera Input	A CSI input connector allows for the connection of a designed camera module
Sound Input	Mic
Video Outputs	HDMI, CVBS , LVDS/RGB
Audio Output	3.5 mm Jack and HDMI
Power Source	5 volt via MicroUSB(DC In Only) and/or MicroUSB (OTG)
USB 2.0 Ports	2 (direct from Allwinner A20 chip)
Buttons	Reset button: Next to MicroUSB connector Power button: Next to Reset button UBoot button (optional): Behind HDMI connector
GPIO(2X13) pin	GPIO,UART ,I2C bus,SPI bus with two chip selects, CAN bus,ADC,PWM,+3.3v,+5v,ground.
LED	Power Status LED (Red) Ethernet Status LED (Blue) User Define LED (Green)
Remote	IR
Supported OS	 Android Android 4.4 Debian Ubuntu Raspbian
Supported Apps	 Scratch

Interface definition

Product size	92 mm × 60mm
Weight	48g

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