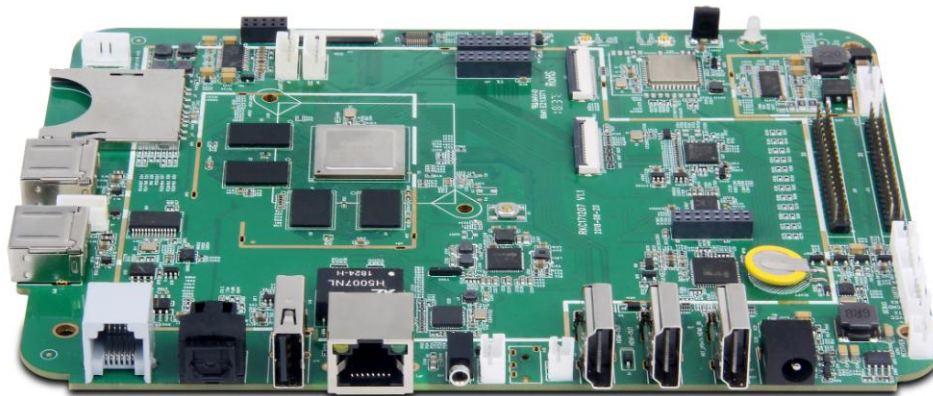


Rockchip RK3288 Developer Board

DB3288

Geniatech



Geniatech's Developer Board 3288 features Rockchip 3288 processor, a high performance processor for computing, personal mobile internet devices and other applications, it integrates Dual-core Cortex-A17. it features 2.0MP camera Android 5.1 OS with 2GB RAM, 8GB/16GB/32GB eMMC flash to choose, lots of high-performance interface to get very flexible solution, such as multi-pipe display with dual-channel LVDS, eDP1.1, HDMI2.0. Built-in WiFi & 1000M LAN, USB, SD/TF card external storage, support program playback Plastic frame. It is designed to support multi-format video decoders including H.264/H.265/VP9 up to 4Kx2K@60fps, especially, H.264/H.265 decoders support 10bits coding, and also supports H.264/MVC/VP8 encoders by 1080p@30fps, high-quality JPEG encoder/decoder, and special image preprocessor and postprocessor.

Product Specification



Processor	Dual-core Cortex-A72 up to 2.0GHz
	Mali-T864 GPU
	Quad-core Cortex-A53 up to 1.5GHz
Memory/Storage	2GB or 4GB LPDDR3 1866MHz
	8GB or 16 GB or 32GB eMMC 5.0
Display	HDMI 2.0a for 4K 60Hz with HDCP 1.4/2.2
Audio	2 pin MIC
Camera	2x MIPI-CSI: 1x 4-lane, 1x 2-lane, up to 13MP
Connectivity	WLAN 802.11 b/g/n 11ac 2T2R 2.4G/5GHz
	Bluetooth 4.1
	1x 10/100M/1000M Ethernet
	2x USB 2.0 type A (one host mode)
	On-board BT and WLAN antenna
Expansion connector	Dual channel LVDS (4 lanes per channel)
	eDP
	Speaker
Power	+6.5V to +18V
External Storage	1x SD socket
OS-support	Android 5.1