PhoenixA20

PhoenixA20 uses the A20 as the the core processor.It is the first pico-itx board base on A20 and open source code. A20 is one of the popular processors using in the MID or tablet pcs.It has two arm cortex-a7 processors and two mali400 graphic processors.It is one of the most powerful vedio decoding appliction processor in the world. PhoenixA20 integrate most of the common use interface and make it very suitable for product protoype designed,DIY and education.

1. Phoenix Spec

CPU	ARM Cortex-A7 dual-core
GPU	ARM mali400 mp2
Memory	1G Bytes DDR3 4G Bytes On board Nand Flash 32G Bytes Tfcard(extern)
Video	UHD 2160P video decoding 3D video decoding Support various video decoding formats, including VP8, AVS, H. 264 MVC, VC-1, MPEG-1,2,4, etc H.264 HP video encoding up to 1080p @ 30 fps or dual-channel 720p @ 30 fps
Display Interface	HDMI VGA LVDS(extern) RGB（extern） CVBS(extern)
Camera Interface	CSI
Net	100M Ethernet WIFI bluebooth 4.0
Extended Pns	3×UART、2×IIC、1×IIS、1×CVBS、4×TVIN、2×Line IN、 1×SPDIF、2×PWM、2×LRADC、2×FMIN、1×Headphone、4×TVOUT、MIC、IR、TP

OS	Android4.2 or up Linux3.3 or up

2. PhoenixA20 Application

- Digital signage and online advertising machine
- Digital acquisition system
- IP camera
- Multimedia center
- Car multimedia
- DIY
- Android & Linux development
- Others

3. PhoenixA20 Support

Customers can get the support by emailing to : *support@anichips.com*

Attentions

PhoenixA20 is not tested in the critical enviroment,so it is not recommend to use in critical enviroment.