



RobinCore is a tiny ARM Computer with WIFI runs openWRT, it uses a high integration SOC Hi3518E(ARM926@440MHz) from the HiSilicon and a powerful WIFI chip(MT7601U),there is a H.264 encoder(720p@30fps) and 64MB DDR2 integrated in Hi3518E.RobinCore has a 16MB NOR Flash,USB2UART chip,it provides many interfaces such as 10/100M Ethernet,UART,I2C,SPI,SDIO,ADC,PWM,JTAG and GPIOs,but its size is about 1.38 square inch (33 X 27 mm), the interface spacing is 2.0mm,and the USB interface is used for a USB2UART debug port and power supply,so,Just need an ordinary USB cable,we can easily develop software with robincore.

Specification:

*SoC – Hisilicon Hi3518E ARM926 processor @ 440MHz with H.264 encoder([email]

-)

- System Memory – 64MB DDR2

- Storage – 16 MB NOR flash

- Connectivity – 802.11 b/g/n WiFi via Mediatek MT7601U with on-board chip antenna

- Debugging – micro USB port

- Expansion – 2x 30-pin 2.0mm pitch through holes with access to 10/100M Ethernet, UART, I2C, SPI, SDIO, ADC, PWM,
- JTAG and GPIOs

- Power Support – 5V via micro USB port

- Dimensions – 33 x 27 mm