

Micro2440 | S3C2440 ARM9 Board

FriendlyARM Micro 2440 Stamp Module with 400 MHz Samsung S3C2440 ARM9 processor.

Specification: Stamp Module

- **Dimension:** 63 x 52 mm
- **CPU:** 400 MHz Samsung S3C2440 ARM926T (max freq. 533 MHz)
- **RAM:** 64 MB, 32 bit Bus
- **Flash:** up to 1GB NAND Flash
- **Serial, SPI, I2C, I2S, SD/MMC, USB, LCD, Camera Interface**
- **Analog Input and Output**
- **User Outputs:** 4x LEDs
- **Expansion headers** (2.0 mm)
- **Debug:** 10 pin JTAG (2.0 mm)
- **OS Support**
 - Windows CE 5 and 6
 - Linux

Specification: SDK-Board

- **Dimension:** 180 x 130 mm
- **EEPROM:** 256 Byte (I2C)
- **Ext. Memory:** SD-Card socket
- **Serial Ports:** DB9 connector (RS232), total: 3x serial port connectors)
- **USB:** USB-A Host 1.1, USB-B Device 1.1
- **Audio Output:** 3.5 mm stereo jack
- **Audio Input:** 3.5mm jack + Condenser microphone
- **Ethernet:** RJ-45 10/100M (DM9000)
- **RTC:** Real Time Clock with battery (CR1220)
- **Beeper:** PWM buzzer
- **Camera:** 20 pin Camera interface (2.0 mm)
- **LCD:** 41 pin connector for FriendlyARM Displays and VGA Board
- **User Inputs:** 6x push buttons and 1x A/D pot
- **Expansion headers** (2.0 mm)
- **Power:** regulated 5V (DC-Plug: 1.35mm inner x 3.5mm outer diameter)

