

Features

mini2440 Samsung S3C2440A 400MHz

- 64MB SDRAM, 256MB Nand
- 2MB Nor Flash, BIOS installed
- 4 wire resistive touch screen interface
- Audio / USB / SD / 3x Serial / I2C / Ethernet
- Pre-loaded with Linux QT (touch enabled)
- Supports Android, Linux, Windows CE
- Manufactured by FriendlyARM

Name	<ul style="list-style-type: none">• mini-2440, Samsung S3C2240 ARM9 Board + 3.5" TFT
CPU	<ul style="list-style-type: none">• Samsung S3C2440A 400MHz, Max freq. 533Mhz
SDRAM	<ul style="list-style-type: none">• 64MB SDRAM• 32bits Data Bus width• 100MHz Clock
Flash	<ul style="list-style-type: none">• 64MB Nand Flash• 2MB Nor Flash, BIOS installed
LCD	<ul style="list-style-type: none">• 4 wire resistive touch screen interface• Up to 4096 color STN, 3.5 inches to 12.1 inches, up to 1024x768 pixels• Up to 64K color TFT, 3.5 inches to 12.1 inches, up to 1024x768 pixels• In box NEC 256K color 240x320/3.5 inches TFT screen, with touch screen
Interface and Resource	<ul style="list-style-type: none">• 1 x 10/100M Ethernet RJ-45(DM9000)• 3 x Serial Ports(1 RS232 with CTS and RTS)• 1 xUSB Host• 1 x USB Slave Type B• 1 x SD Card Interface• 1 x Stereo audio out, 1 Micro In• 1 x 10-Pin JTAG• 4 x USER LEDs• 6 x USER buttons• 1 x PWM Beeper• 1 x POT can be used for A/D converter adjust• 1 x AT24C08 for I2C test• 1 x 20-Pin Camera Interface• 1 x Battery for RTC• Power In(5V), with switch and lamp
Oscillator Freq.	<ul style="list-style-type: none">• 12MHz
RTC	<ul style="list-style-type: none">• Internal
Expand Interface	<ul style="list-style-type: none">• 1 x 34-Pin 2.0mm GPIO• 1 x 40-Pin 2.0mm System Bus
OS Support	<ul style="list-style-type: none">• Android• Linux 2.6.29• Windows CE.Net 5.0
Form Factor	<ul style="list-style-type: none">• 100 x 100(mm)

mini2440 package board includes:

- 1 x S3C2440 board (Preload with Linux),
- 1 x Net cable, 1 x USB cable, 1 x Serial cable
- 5V power adapter
- 1 Parallel port wiggler JTAG emulator(for H-JTAG),
- 1 DVD-ROM with product reference
- 1 NEC LCD: 3.5", 240x320, with touch panel