

Mini6410 | S3C6410 ARM11 Board

FriendlyARM Mini 6410 SBC (Single-Board Computer) with 533 MHz Samsung S3C6410 ARM11 processor.

Specification

- **Dimension:** 110 x 110 mm
- **CPU:** 533 MHz Samsung S3C6410A ARM1176JZF-S with VFP-Unit and Jazelle (max freq. 667 MHz)
- **RAM:** 256 MB, 32 bit Bus
- **Flash:** up to 1GB NAND Flash
- **EEPROM:** 256 Byte (I2C)
- **Ext. Memory:** SD-Card socket
- **Serial Ports:** 1x DB9 connector (RS232), total: 4x serial port connectors
- **IR:** Infrared Receiver
- **USB:** 1x USB-A Host 1.1, 1x miniUSB Slave/OTG 2.0
- **Audio Output:** 3.5 mm stereo jack
- **Audio Input:** Condenser microphone
- **Ethernet:** RJ-45 10/100M (DM9000)
- **RTC:** Real Time Clock with battery
- **Beeper:** PWM buzzer
- **Camera:** 20 pin (2.0 mm) Camera interface
- **TV Output:** AV Out
- **LCD Interface:** 40 pin (2.0 mm) and 41 pin connector for FriendlyARM Displays and VGA Board
- **User Inputs:** 8x push buttons and 1x A/D pot
- **User Outputs:** 4x LEDs
- **Expansion:** 40 pin System Bus, 30 pin GPIO, 20 pin SDIO (SD, SPI, I2C), 10 pin Buttons (2.0 mm)
- **Debug:** 10 pin JTAG (2.0 mm)
- **Power:** regulated 5V
- **Power Consumption:** Mini6410: 0.25 A, Mini6410 + 4.3" LCD: 0.5 A
- **OS Support**
 - Windows CE 6
 - Linux
 - Ubuntu
 - Android