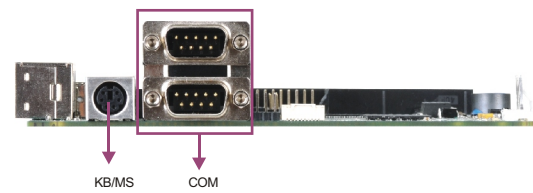
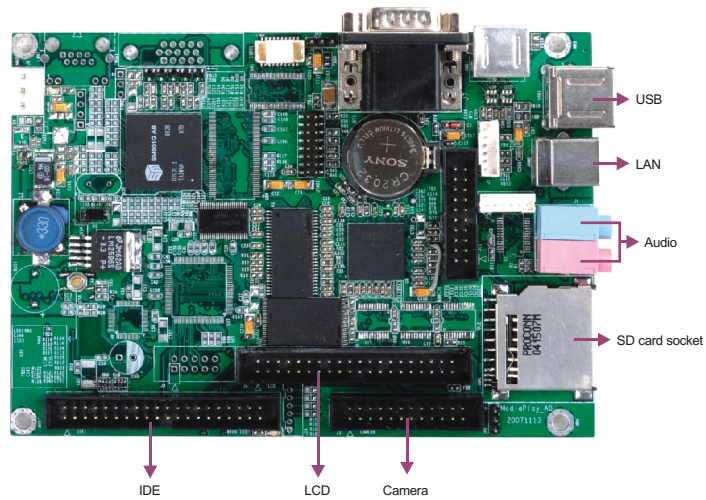


EC3-5042

ARM9 3.5" SBC with CPU/Memory and LCD/SD/DOM/LAN/Audio



Specifications

Product Type	Standard 3.5" SBC
Processor	S3C2440A, 400MHz
System Flash	64MB NAND flash
Memory	64MB SDRAM (up to 128MB)
Onboard Video	TFT-LCD interface
Network	100M network
Onboard Audio	Basic audio output
Flash Storage	SD card/DOM disk
HDD Interface	One IDE port that supports Ultra ATA33 specification

Features

- 64MB SDRAM (up to 128MB), 64MB NAND flash
- Onboard integrates SM501 2D graphics acceleration chip, with resolution up to 1280 x 1240
- Supports Linux 2.6 and WinCE 4.2
- 4-channel touch screen port (resistance)

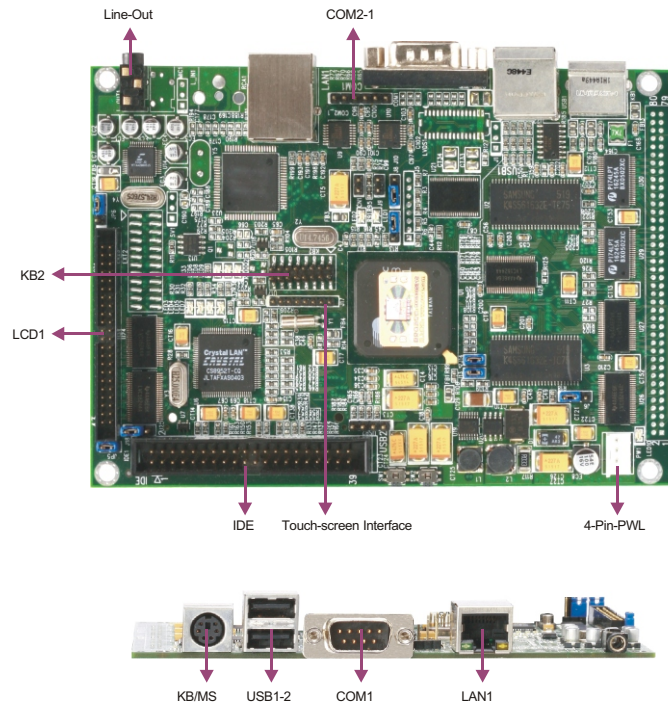
Serial Port	3 x serial port (2 x RS232)
USB Port	2 x USB
Matrix Keyboard	4 x 4
Touch Screen Port	4-channel touch screen port (resistance)
Timer	Supports RTC function
Operating System	Supports Linux 2.6 and WinCE 4.2
Power Supply	5V/12V, ATX/AT power supply
Dimensions	146mm x 102mm
Operating Temperature	0°C ~60°C
Operating Humidity	5%~95%

Ordering Information

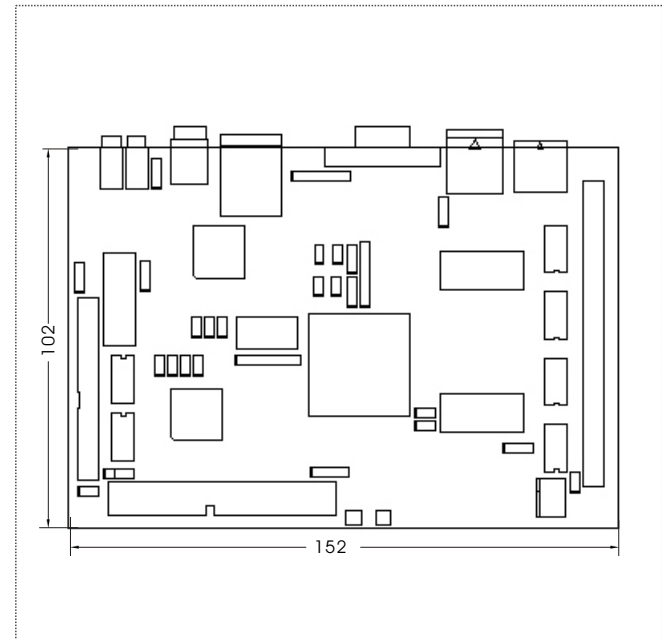
Model Number	Description
EC3-5042	ARM9 3.5" SBC with CPU/Memory and LCD/SD/DOM/LAN/Audio

EC3-5521CLDNA

ARM9 3.5" SBC with CPU/Memory and LCD/SSD/LAN/Audio/Touch Screen



Board Diagram



Specifications

Processor	Onboard Cirruslogic EP9312/5 200MHz CPU
Chipset	ARM920T
System Flash	Onboard 32MB Flash and 64MB SDRAM
Operating system	Preinstalled WinCE.net/Linux
HDD Interface	Onboard IDE
Onboard Video	Onboard LCD. LVDS supports STN, DSTN, TFT LCD. Supports 2, 4, 8, 16-bit color depth, with resolution up to 1024 x 768
Onboard Audio	AC' 97, MIC-in, Speaker-out interfaces
I/O Interface	3 x RS-232, 2 x USB2.0, touch screen interface, 8 x 8 small keyboard, PS/2 interface, supporting 4-line touch screen
Flash Storage	CompactFlash
Expansion Bus	EBI system extension bus interface
Power Supply	Single +5V power supply
Dimensions	146mm x 102mm

Features

- Onboard MOTOROLA MPC8245 350MHz CPU
- Onboard memory up to 256MB SDRAM
- 10/100Mbps Ethernet controller
- +5V, +12V power supply

Packing List

- One EC3-5521CLDNA SBC
- One User's Manual
- One 40-pin IDE cable
- One 4-pin USB convertor cable
- One EVOC CD
- Spare jumper

Ordering Information

Model Number	Description
EC3-5521CLDNAT-LX	ARM9 3.5" SBC with 200MHz ARM9 SoC CPU, 32MB flash (Linux preload), 64MB SDRAM, IDE, CF card, LCS,LVDS, T/P panel, PS2, 8 x 8 small keyboard, 10M/100M Ethernet 3 x USB (Host), 3 x COM(RS232/485), AC' 97 Audio, I2S, WDT, timer, EBI extension bus
EC3-5521CLDNAT-CE	ARM9 3.5" SBC with 200MHz ARM9 SoC CPU, 32MB flash (WinCE preload), 64MB SDRAM, IDE, CF card, LCS,LVDS, T/P panel, PS2, 8 x 8 small keyboard, 10M/100M Ethernet 3 x USB (Host), 3 x COM(RS232/485), AC' 97 Audio, I2S, WDT, EBI extension bus