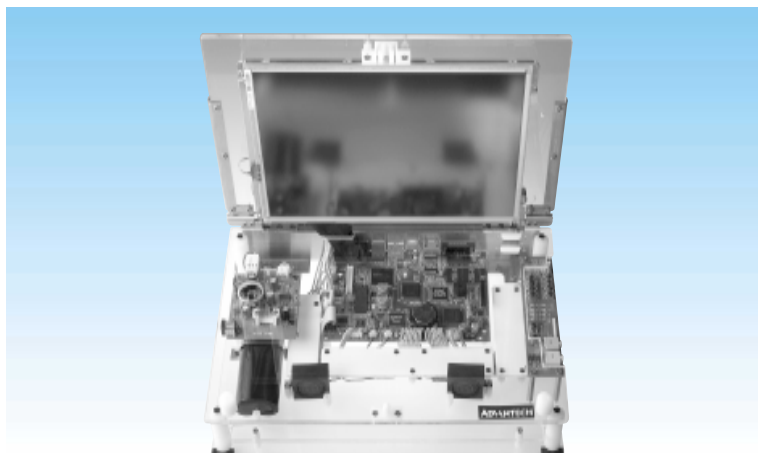


# PCM-7130 StrongARM Evaluation Kit

Multitasking, Ready to Run StrongARM Evaluation Kit



## Features

- 10.4" TFT LCD display with touchscreen
- I/O board for easy verification on GPIO/DIO
- Audio
- A battery pack and a charger board
- 100-pin external bus for user modules

## System



CPU	Intel® StrongARM SA-1110, 206 MHz
Companion Chip	Intel® StrongARM SA-1111
Display Controller	EPSON S1D13806 display controller
Flash Memory	32 MB flash memory on board
Memory	64 MB SDRAM on board
Watchdog Timer	Dallas DS1670
SSD	1 type-II CompactFlash card slot
PCMCIA	1 type-II PCMCIA slot
Buzzer	1 buzzer for system alarm
Expansion Slot	100-pin Advantech Expansion Bus

## Display

LCD	Unipac 10.4" SVGA LVDS TFT color LCD(UB104S01-1)	
TV-out	Supports both NTSC and PAL output	
Touchscreen	Resistive touchscreen bundled with LCD	
CRT output		
Resolution/Color depth		
<b>Display mode</b>	<b>Max. resolution</b>	<b>Color depth</b>
LCD	800*600	18 bpp
CRT	800*600	16 bpp

## I/O

USB	1 USB Host and 1 USB Client ports
COM	2 full RS-232 and 1 RS-485 ports
IrDA	1 SIR IrDA transceiver
GPIO	8 GPIO are mapped to 8 push-buttons as hotkeys
DI	8 DI are connected to a DIP switch which can verify DI functions through the bundled Windows® CE utility (System Configurator) or user-defined programs
DO	8 DO are connected to 8 LED. The DO functions can be verified by the bundled operation Windows® CE utility (System Configurator) or user-defined programs
PS/2 port	1 PS/2 port for keyboard/mouse
RESET	Reset push-button
Wake-up	Wake-up push-button
Audio	AC'97 stereo audio interface, two speakers, line-out and MIC-in jacks

## Mechanical and Environmental

Dimensions(L x W x H)	294.2 mm x 209 mm x 78.3 mm(11.58" x 8.23" x 3.08")
Power Consumption	Normal:19V@ 400mA; suspend: 19V@ 20mA
Power Input	19 VDC

## Ethernet

Chipset	SMSC91C96I
Ethernet Interface	10 Base-T
Connection	RJ45

## Packing List

• Support CD	(p/n: 2062000051)
• Windows® CE end user license agreement	(p/n: 2006000012)
• USB client ActiveSync cable	(p/n: 1700041800)
• Y-shaped adapter for PS/2 mouse and keyboard	(p/n: 1700060202)
• Plastic stylus	(p/n: 9689000534)
• 19V DC adaptor	(p/n: 9688000012)
• 19V DC power cord	(p/n: 1702030601)
• Linux support CD (for Linux version)	(p/n: 2062000061)
• JTAGcable (for Linux version)	(p/n: 1703251000)
• Null modem cable (for Linux version)	(p/n: 1700091002)

## Ordering Information

For PCM-7130 Model	
PCM-7130-0K0CE	Intel® StrongARM 206Mhz SBC, 32MB Flash/64MB SDRAM, Windows® CE .NET English on board, 10.4" TFT LCD evaluation kit
PCM-7130-0K0LX	Intel® StrongARM 206Mhz SBC, 16MB Flash/32MB SDRAM, Linux English on board, 10.4" TFT LCD evaluation kit