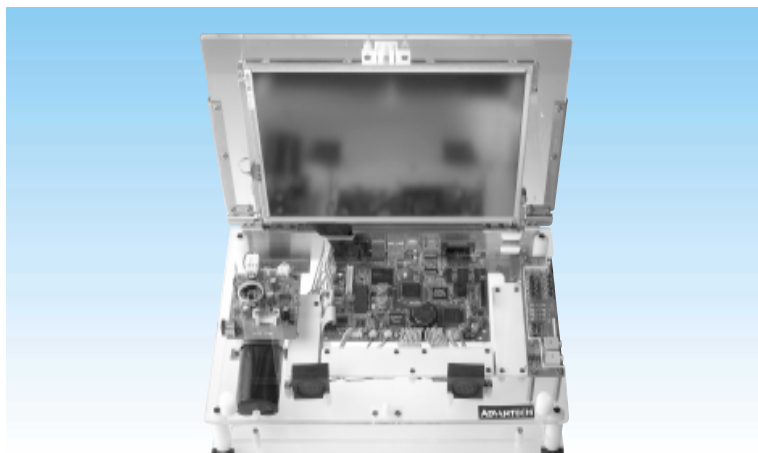


# PCM-7130 StrongARM Evaluation Kit

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            | SMSC91C61 |
| 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            |

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