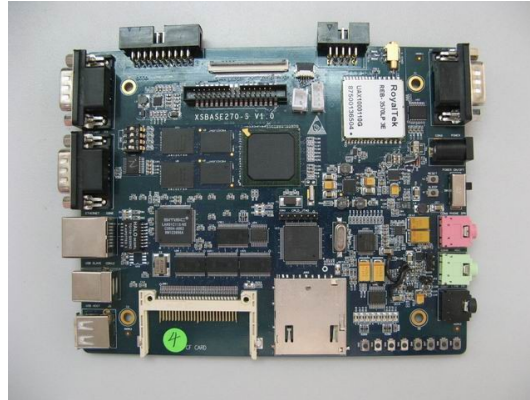


XSBASE270-S Embedded Portable Application(navigation) Development Platform



XSBASE270-S is an embedded portable application (navigation) development platform based on the MARVELL PXA 270 processor with high performance and low power consumption.

Main features:

Various interfaces: based on PXA270, provide LCD, Touchscreen, button, LED, USB host/Client interface, Ethernet, serial ports, GPS, SD port, CF port, battery management etc. It integrates most functions of the embedded system on one compact board.

Internal GPS module: The GPS module is internally integrated, you can test and research your navigation application and GIS development on XSBASE270-S directly.

Portable and easy-to-use: XSBASE270-S has a compact size, 20cm*15cm*4cm, with a 3000mAH li-battery internally integrated. It is just like a mini laptop, this structure makes it convenient to research, test the embedded system and to run the prototype application.

Various resources for development: In order to make it convenient to develop the application, we provide customers with the Linux/WinCE BSP, schematics, user manual, appropriate examples in the application field (GPS,MP4) etc..

The feature set of the XSBASE270-S show that it is an “easy-to-use” development platform with all the functionality found on products in the market today. Embedded Software Engineers will find the XSBASE270-S an ideal platform for prototype testing and demonstration.

Specification:

CPU	Marvell® XScale PXA270520MHz
LCD	3.5" TFT LCD, Backlight control, Resolution 320×240
Touchscreen	3.5"
Audio	Line In/Out (AC97)
Flash	32M
SDRAM	64M
Ethernet	1 10/100M adapt
JTAG	1
CF	1
SD	1
Keyboard	8
LED	8
Reset	1
RS232	3 (DB9)
RTC	RTC
USB Client Port	1 (1.1)
USB Host	1 (1.1)
GPS	Sirf III module+
Li-battery	3000mAH,
EM-WL-SPI	802.11g module(optional)
Power	5V
Operating system	WinCE.NET 5.0/ WinCE.NET 6.0 (under development) Linux
Application Demo	MP3 demo (WinCE/Linux) (is supplied with engineering practice and training Solution Package XSBBase270-S-MP3)
	MP4 demo (WinCE) (is supplied with engineering practice and training Solution Package XSBBase270-S-MP4)
	GPS demo (WinCE) (is supplied with engineering practice and training Solution Package XSBBase270-S-GPS)

	Video transmission (WinCE/Linux) (is supplied with engineering practice and training Solution Package XSBBase270-S-MDTV)
	Smart phone (Linux) (is supplied with engineering practice and training Solution Package XSBBase270-S-SP)

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