

AT91SAM926x Windows CE BSPs

Features available

Full BSPs for AT91SAM926x reference boards
Official BSP for Atmel Reference designs



● Bootloader

- Boot through ethernet
- Local boot (SPI, NAND flash)
- CE Image update in flash

● Kernel

- Full support of AT91SAM926x core
- Ethernet/Serial debugging
- Watchdog, RTT, Sys.Ctrl
- Advanced Power management

● HMI

- Display driver
- Keyboard, Mouse support
- Touchscreen, Audio drivers

● Communications

- Serial driver
- Ethernet applicative support
- USB Host+device drivers
- Bus drivers (SPI, I2C, PWM)

● Storage

- SD Card driver
- NAND flash driver with ECC
- HDD

● Tests/Reliability

- Fully tested under CETK
- PQOAL/PQD compliant
- BSP Certified by Microsoft



AT91SAM926x Windows CE BSPs Licensing policy



Mobility solutions



● Demonstrative CE image

- demonstration purpose of CE running on AT91SAM926x architecture
- Applicative development and test on a CE image running on the board
- Available for free in evaluation kits

● Binary Evaluation BSP

- Image customization to fit with customer specific needs
- Customer specific developments inclusion in the image
- Allow every applicative developments and tests on an AT91SAM926x-EK boards
- Can be downloaded from <http://www.adeneo-embedded.com>
- Available only for test and demonstration: any commercial usage implies purchase of source BSP.

● Source BSP

- Allow adaptation to a custom AT91SAM926x design
- Reference BSP for all Windows CE AT91SAM926x product
- Can be purchased through Adeneo (one time license fees, no royalties)

● Sales contact / Specific requirements or designs

- contact.mseembedded@adeneo.adetelgroup.com

● Technical support

- support.mseembedded@adeneo.adetelgroup.com

AT91SAM926x Windows CE BSPs

Matrix features

Features	AT91SAM9263	AT91SAM9260	AT91SAM9261
CE 6.0 support*	O	O	O
CE 5.0 support	✓	✓	✓
EEPROM	✓	-	-
2D graphic acceleration	✓	-	-
HDD driver	✓	-	✓
NAND Applicative driver	✓	✓	✓
SDCard driver	✓	O	✓
PWM driver	-	-	✓
I2C driver	✓	✓	✓
SPI driver	✓	✓	✓
USB Device	✓	✓	✓
USB Host	✓	✓	✓
Applicative Ethernet	✓	✓	✓
Serial	✓	✓	✓
Audio	✓	✓	✓
Touchscreen	✓	-	✓
Display driver	✓	-	✓
Power management	✓	✓	✓
RTT / RTC	✓	✓	✓
Watchdog	✓	✓	✓
Ethernet/Serial debug	✓	✓	✓
Boot image from Ethernet	✓	✓	✓
Boot image from SPI Flash	✓	-	✓
Boot image from NAND	✓	✓	✓
Boot image from NOR	O	-	O

* See next slide for planned availability

- ✓ : Supported
- O : Currently in development
- : Not supported or not available on the chip





AT91SAM926x Windows CE BSPs Purchase information

● Sales contact

contact.membedded@adeneo.adetelgroup.com

Yannick CHAMMING'S +1 (206) 418 6975

● Cost

AT91SAM926x Binary BSP running on Atmel reference board free for evaluation only

Download from : <http://www.adeneo-embedded.com>



AT91SAM9260 Source code of the BSP running on Atmel reference board US\$ 7 000

AT91SAM9261 Source code of the BSP running on Atmel reference board US\$ 9 500

AT91SAM9263 Source code of the BSP running on Atmel reference board US\$ 13 500

Specific development services that will cover the adaptation and integration of the BSP on your board > On request



Purchase procedure

- 1) Reception of the PO for the license amount and SLA signed (see SLA forms)
- 2) ADENEO send the corresponding invoice and wait the bank transfer (see bank code on SLA forms)
- 3) ADENEO deliver the source code directly by email and deliver by post a CD with the SLA signed back and the delivery note.

Note Concerning WinCE licensing. You have to address directly to an authorized distributor to purchase Windows CE license. Our licenses costs cover only the source code availability for the BSP, not the Windows CE license.

The binary evaluation BSP have a time restriction.





AT91SAM926x Windows CE BSPs Purchase information

● Sales contact for Europe

contact.membedded@adeneo.adetelgroup.com

Nicolas Coudert

+33 (0)4 72 18 08 40

● Cost

AT91SAM926x Binary BSP running on Atmel reference board free for evaluation only

Download from : <http://www.adeneo-embedded.com>

AT91SAM9260 Source code of the BSP running on Atmel reference board 5 000 €

AT91SAM9261 Source code of the BSP running on Atmel reference board 7 000 €

AT91SAM9263 Source code of the BSP running on Atmel reference board 10 000 €



Specific development services that will cover the adaptation and integration of the BSP on your board > On request



Purchase procedure

1) Reception of the PO for the license amount and SLA signed (see SLA forms)

2) ADENEO send the corresponding invoice and wait the bank transfer (see bank code on SLA forms)

3) ADENEO deliver the source code directly by email and deliver by post a CD with the SLA signed back and the delivery note.

Note Concerning WinCE licensing. You have to address directly to an authorized distributor to purchase Windows CE license. Our licenses costs cover only the source code availability for the BSP, not the Windows CE license.

The binary evaluation BSP have a time restriction.



Q1

