

AT91RM9200 Windows CE BSP

Features available

Full BSP for AT91RM9200-DK and EK reference boards
Official BSP for Atmel Reference designs



Mobility solutions



• Bootloader

- Boot through ethernet
- Boot from Serial data flash
- Image update in flash

• Kernel

- Full support of AT91RM9200 core
- Ethernet debugging
- DBGU trace
- Power management

• HMI

- Display driver
- Keyboard, Mouse support (through USB Host)

• Communications

- Serial driver
- Infrared driver
- Ethernet applicative support through KITL
- USB Host driver: All Standard USB peripheral support (mouse, keyboard, flash, printer, ...)
- USB Device driver

• Storage

- SD Card driver
- Serial data flash driver
- Compact flash driver (DK board)



- Adeneo SmartCOTS module + Dev.Kit
- Industrial generic module based on AT91RM9200 running Windows CE
- Contact us for price & availabilities

AT91RM9200 Windows CE BSP Licensing policy



Mobility solutions



• Demonstrative CE image

- demonstration purpose of CE running on AT91RM9200 architecture
- Applicative development and test on a CE image running on the board
- Available for free in AT91RM9200-EK 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 AT91RM9200-DK and 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 AT91RM9200 design
- Reference BSP for all Windows CE AT91RM9200 product
- Can be purchased through Adeneo (one time per customer license)

• Sales contact / Specific requirements or designs

- contact.mseembedded@adeneo.adetelgroup.com

• Technical support

- support.mseembedded@adeneo.adetelgroup.com

AT91RM9200 Windows CE BSP

Sales information

- **Sales contact**

contact.membedded@adeneo.adetelgroup.com

Olivier PITIE +33 (0)6 80 96 49 08

- **Cost**

AT91RM9200 Binary BSP running on

Atmel reference board free for evaluation only

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

AT91RM9200 Source code of the BSP running on

Atmel reference board 5 000 €

Specific development services that will

cover the adaptation and integration of the

BSP on your board On request

Purchase procedure :

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

2) Reception of the bank transfer (see bank code at the end of the SLA forms)

After these steps ADENEO deliver the source code directly by email and deliver by post a CD, the SLA signed and the delivery note.

Note :

Concerning WinCe licensing costs, you'll have to address directly to an authorized distributor to purchase Windows CE license. Our licenses costs cover only the availability for you of the source code of the BSP, not the Windows CE license.

The binary evaluation BSP have a time restriction.



Mobility solutions



AT91RM9200 Windows CE BSPs

Matrix features

Features	HDD driver	-
	NAND Applicative driver	✓
	SDCard driver	✓
	PWM driver	✓
	I2C driver	✓
	SPI driver	✓
	USB Device	✓
	USB Host	✓
	Applicative Ethernet	✓
	Serial	✓
	Audio	-
	Touchscreen	✓
	Display driver	✓
	Power management	✓
	RTT / RTC	-
	Watchdog	-
	Ethernet debug	✓
	Boot image from Ethernet	✓
	Boot image from SPI Flash	✓
	Boot image from NAND	-
	Boot image from NOR	-
	AT91RM9200	

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



ADENEO WindowsCE BSP Roadmap

