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## AT91RM9200 Windows CE BSP Features available

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



- 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 & availibilities









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# AT91RM9200 Windows CE BSP Licensing policy

#### 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.msembedded@adeneo.adetelgroup.com
- Technical support
  - support.msembedded@adeneo.adetelgroup.com



# <u>AMEL</u>



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# AT91RM9200 Windows CE BSP Sales information

#### Sales contact

contact.msembedded@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.

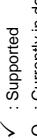
The binary evaluation BSP have a time restriction.

# AT91RM9200 Windows CE BSPs Matrix features

Features	Boot image from NOR	Boot image from NAND	Boot image from SPI Flash	Boot image from Ethernet	Ethernet debug	Watchdog	RTT / RTC	Power management	Display driver	Audio Touchscreen	Serial	Applicative Ethernet	USB Host	USB Device	SPI driver	I2C driver	PWM driver	SDCard driver	NAND Applicative driver	HDD driver
AT91RM9200			>	<u> </u>	<u> </u>	1	1	1	>	'	>	>	>	>	>	>	>	>	>	1







O : Currently in development









#### **ADENEO WindowsCE BSP Roadmap**







