



## HiCO.ARM9 Embedded Module

with Atmel ARM9 Processor

	SBC Version	CORE Version
		
CPU	AT91RM9200, ARM920T	AT91RM9200, ARM920T
Coprocessor	-	-
Clock	180 MHz	180 MHz
Memory	64 MByte SDRAM / 32 MByte NOR Flash	64 MByte SDRAM / 32 MByte NOR Flash
<b>HiCO.nect bus Interface</b>		
Addresses	24	24
Data bus width	16	16
Interrupts	4	4
DMA	-	-
Busclock	66 MHz	66 MHz
Port I/O	2 dedicated (+ X multiplexed)	2 dedicated (+ X multiplexed)
ISA Bus Interface	optional	optional
I2C	1	1
RTC	√	√
<b>HiCO.nect peripherals</b>		
Graphic	QVGA TFT	QVGA TFT
Touch	4-Wire resistive	4-Wire resistive
Ethernet	100Base Tx	100Base Tx
USB Host	2.0 Full Speed	2.0 Full Speed
USB Device	2.0 Full Speed	2.0 Full Speed
CAN	-	-
serial Ports	4	4
Audio	SSI Interface	SSI Interface
SPI	√	√
Analog I/O	-	-
<b>Massstorage</b>		
MMC	On board socket	√
CF Card Interface	√	√
Software	Windows CE 5.0 Linux 2.6	Windows CE 5.0 Linux 2.6
Dimensions	115 x 82 x 20 mm <sup>3</sup>	66 x 82 x 16 mm <sup>3</sup>
Temperature Range	0°C... +70°C, opt. -40°C... +85°C	0 °C... +70 °C, opt. -40°C... +85°C
Power Supply	5 V @ 180 mA	3,3 V @ 300 mA
Additional Connectors	RS232, USB Host and Device, Ethernet, Display, 5 V Power Supply	



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