



## HiCO.SH7780 Embedded Module

with Renesas SuperH SH7780 Processor

	SBC Version	CORE Version
		
CPU	SH7780, SH4A	SH7780, SH4A
Coprocessor	FPU	FPU
Clock	400 MHz	400 MHz
Memory	128 MByte DDR SDRAM	128 MByte DDR SDRAM
<b>HiCO.nect bus Interface</b>		
Addresses	24	24
Data bus width	16	16
Interrupts	16	16
DMA	1	1
Busclock	66 MHz	66 MHz
Port I/O		
ISA Bus Interface	√	√
I2C	√	√
RTC	√	√
<b>HiCO.nect peripherals</b>		
Graphic	XGA TFT, CRT	XGA TFT, CRT
Touch	4-Wire resistive	4-Wire resistive
Ethernet	100Base Tx	100Base Tx
USB Host	1.1 Full Speed	1.1 Full Speed
USB Device	2.0 Full Speed	2.0 Full Speed
CAN	1 x V2.0B	1 x V2.0B
serial Ports	3	3
Audio	SSI Interface	SSI Interface
SPI	√	√
Analog I/O		
<b>Masstorage</b>		
MMC/SDC	√	√
CF Card Interface	√	√
Software	Windows CE 6.0 R2 Linux 2.6	Windows CE 6.0 R2 Linux 2.6
Dimensions	110 x 82 x 20 mm <sup>3</sup>	66 x 82 x 16 mm <sup>3</sup>
Temperature Range	0 °C... +70 °C	0 °C... +70 °C
Power Supply	5 V @ 600 mA	3,3 V @ 900 mA
Additional Connectors	RS232, USB Host and Device, Ethernet, Display, microSD Card socket, 5 V Power Supply	



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