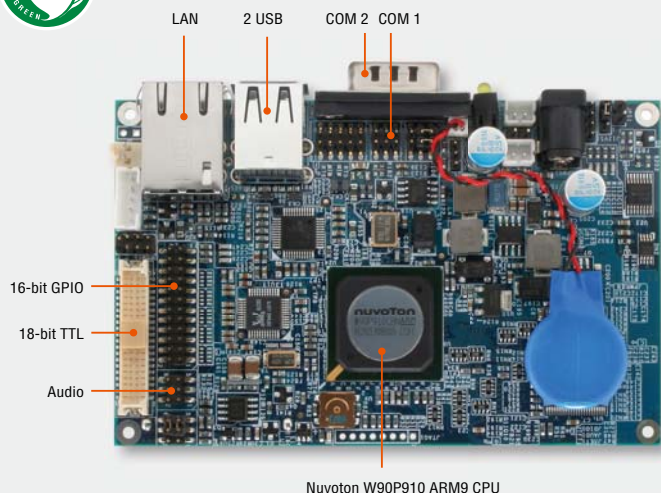




RSC-W910

Nuvoton W90P910 ARM9 RISC Module



Features

- Nuvoton W90P910 ARM9 CPU
- Onboard 128MB NAND Flash, Optional 512MB
- Onboard 64MB SDRAM, Optional 128MB
- 16~18-bits TTL/ AC97 Audio
- 10/ 100Mbps LAN
- 1 x RS-232, 1 x RS-232/ 485, 3 USB
- +9V ~ +24V DC Input
- Optional Onboard Battery Charger
- Optional Onboard G.Sensor
- Windows CE 5.0/ 6.0 & Linux

Nuvoton W90P910

NAND Flash

TTL

Audio

LAN

2 COM

3 USB

Specifications

System

• CPU	Nuvoton W90P910 ARM926 32-bit CPU
• Boot Loader	NAND/NOR Flash
• Memory	Onboard 64MB SDRAM, Optional 128MB
• Flash	Onboard 128MB, Optional 512MB
• Watchdog Timer	Interrupt: 1/ 4/ 18 Second

I/O

• MIO	1 RS-232, 1 RS-232/ 485
• USB	3 x USB 2.0
• SSD	SD
• DIO	16-bit, 8-in/ 8-out
• PS2	1 Port (Optional)

Display

• LCD Interface	16 ~ 18-bit TTL
• Resolution	LCD: 800 x 600 @ 60Hz
• Touch Screen interface	TI TSC2007, 4-wire Analog Resistive Resolution: 4096 x 4096

Audio

• Codec	Realtek ALC203 AC97 Codec
• Interface	Line-out, Mic-in

Ethernet

• LAN	Onchip MAC + PHY
• Interface	10/ 100 Base-Tx Fast Ethernet Compatible

Mechanical & Environmental

• Power Requirement	+9V ~ +24V DC Input
• Battery	Optional Battery Charger
• G.Sensor	Optional G.Sensor
• OS	Windows CE 5.0/ 6.0 & Linux
• Operating Temperature	-20 ~ 60°C
• Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Size (L x W)	110mm x 70mm
• Weight	0.2kg

Ordering Information

- **RSC-W9101-A1R**
Nuvoton W90P910 ARM9 RISC CPU Module w/ 64MB SDRAM/ 128MB Flash/ 2 COM/ 3 USB/ Touch/ AC97/ 9~24V Input/ WinCE 5.0 Pro license
- **RSC-W9102-A1R**
Nuvoton W90P910 ARM9 RISC CPU Module w/ 64MB SDRAM/ 128MB Flash/ 2 COM/ 3 USB/ Touch/ AC97/ 9~24V Input/ WinCE 6.0 Pro license
- **RSC-W9103-A1R**
Nuvoton W90P910 ARM9 RISC CPU Module w/ 64MB SDRAM/ 128MB Flash/ 2 COM/ 3 USB/ Touch/ AC97/ 9~24V Input/ Linux build-in