



# RPC-0801

8" ARM9 Based Fanless Panel PC



## Features

- 8" ARM9 Based Panel PC
- Onboard Nuvoton W90P910 ARM9 200MHz SoC
- Onboard 64MB SDRAM (Up to 128MB)
- Onboard 2MB NOR Flash (Boot System)
- Onboard 128MB NAND Flash (Storage)
- AC97 Audio
- 1 COM, 2 USB
- 10/ 100 LAN in RJ-45
- Optional Onboard Battery Charger
- Wide Operating Temperature: -20~60°C
- Low Profile, Low Power and Stylish Design

ARM9 Nuvoton W90P910 TTL 1 COM 2 USB  
Wide Temp.

- 1 LPC Series
- 2 PPC Series
- 3 FPC Series
- 4 MPC Series
- 5 SPC Series
- 6 MTP Series
- 7 OPC/LCD Kit
- 8 RISC
- 9 ACC

## Specifications

### Panel

• LCD size	8", 4:3
• Resolution	800 x 600
• Pixel pitch	0.2025mm (H) x 0.2025mm (V)
• Luminance	250nits (cd/m <sup>2</sup> )
• Contrast ratio	500
• Viewing angle	60 (U), 70 (D), 70 (L), 70 (R)
• Response time	40ms
• Backlight	LED Backlight
• Touch Type (Optional)	Resistive
• Touch Light transmission	80%
• Touch Interface	I <sup>2</sup> C

### System

• Board	RSC-W910
• CPU	Onboard Nuvoton W90P910 ARM9 200MHz SoC
• System Chipset	Nuvoton W90P910CBN
• System Memory	Onboard 64MB SDRAM (Up to 128MB)
• SSD	Onboard 128MB NAND Flash (Storage, Up to 512MB)

### Rear I/O

• COM	1 x RS-232
• Ethernet	1 x RJ-45
• USB	2 x USB 2.0

### Audio

• AC97 Codec	Realtek ALC203
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### Ethernet

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

### Mechanical & Environmental

• Color	Front Silver & Rear Black
• Mounting	Wall/Stand; VESA 75mm x 75mm
• Power Input	12V DC
• Power Type	AT/ ATX
• Operating Temp.	-20 ~ 60°C (-4 ~ 140°F)
• Storage Temp.	-20 ~ 75°C (-4 ~ 167°F)
• Operating Humidity	5% ~ 90% Relative Humidity, Non-condensing
• Dimensions	202mm x 159mm x 43 mm
• Weight	1.07 Kgs

## Ordering Information

- **RPC-0801-910-A1R**  
8" SVGA RISC Panel PC with RSC-W910