

# Embedded Systems

## All in One PANEL PC

RISC 8" Panel PC with resistive touch TI AM3517  
600MHz CPU, 256MB DDR2 onboard 512MB NAND  
flash, 40W power adaptor



Model: iPCW0800AR

### Features

- RISC Panel PC System with 8" LCD Display
- Fanless design
- TI AM3517 on board
- Resistive touch support
- Power over Ethernet (POE)
- User-defined status LED light bar
- Supports USB OTG (USB On-The-Go)



### Specifications

System Mainboard	IB100MRS
CPU Type	TI AM3517
System Speed	600MHz
Memory	256MB DDR2 on board
Construction	Plastic
Chassis Color	Black
Front Panel	1x LED light bar
External I/O	1x SD card slot (right-side)
Rear Panel	1x 10/100 LAN (RJ45) with PoE support
External I/O	1x USB (USB Host. A-Type) 1x USB OTG (mini USB B type) 1x COM1 RS-232 for (RJ45 connector) 1x 12V DC-IN jack with lock
Storage	512MB NAND SD card / flash
Power Supply	+12V DC-in, 40W power adaptor, PoE
Mounting	VESA mount, 75mm x 75mm
Dimensions	211.6mm(W) x 171.28mm(H) x 33.5mm(D)
LCD Size	8.4" TFT LCD
LCD Color	262K colors
Touch Screen	Resistive touch
Backlight	LED
Display Resolution	800 x 600
LCD Brightness	200 cd/cm2
Dot Pitch	0.675 um x 0.675 um
Viewing Angle	140°/120°
Backlight MTBF	20,000 hrs
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20° ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)

### Mechanical Drawings

