



### Features

- 21" 5-wire Resistive Full HD TFT
- Onboard Intel® Atom™ D525 Dual-Core 1.8 GHz CPU with Intel® ICH8-M Chipset
- Onboard 1GB SDRAM & 1 SODIMM Up to 4GB DDR3 800 SDRAM
- 1 Intel® 82574L Gigabit Ethernet, 2W Amplifier
- Mini PCIe, 1 CF, 1 COM, 2 USB
- Wide Voltage +12V ~ +28V Input, ErP Power
- Over Current & Surge Protection
- Power-on Timer
- Backlight Controlled by PWM
- Programmable Function Key

Intel® Atom™	GbE	5.1-CH Audio	2W AMP	CF
2 USB	1 COM	Mini PCIe	Fanless	

### Specifications

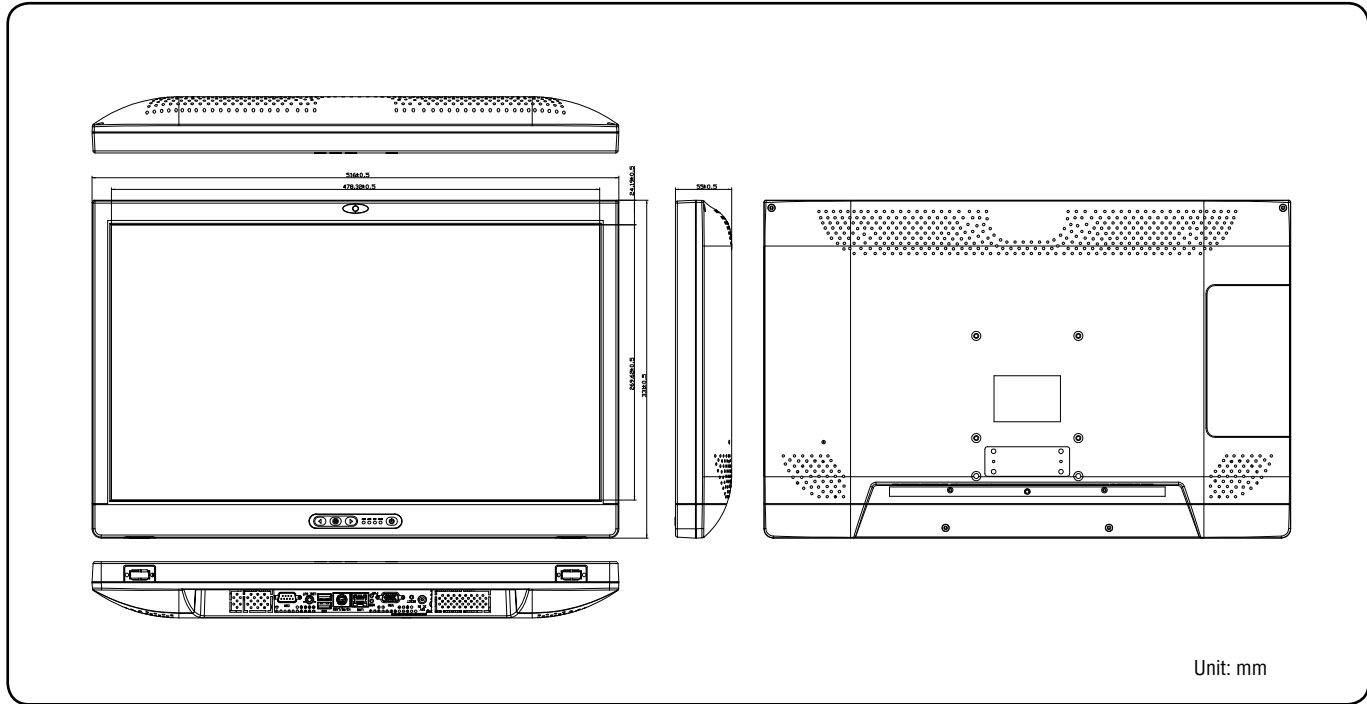
Model Name	PPC-21W05
• LCD Size	21", 16:9
• Resolution, Color	1920 x 1080 Full HD TFT, 16.7M
• Pixel Pitch	0.248mm (H) x 0.248mm (V)
• Luminance	300cd/m <sup>2</sup>
• Contrast Ratio	1000
• Viewing Angle	80 (U), 80 (D), 85 (L), 85 (R)
• Response Time	5ms
• Backlight	4 x CCFL
• Touch Screen	5-wire Resistive
• Light Transmission	80%
• Touch Interface	USB
<b>System</b>	
• CPU	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
• System Chipset	Intel® ICH8-M
• I/O Chip	Winbond W83627DHG
• System Memory	Onboard 1GB Up to 2GB & One 204-pin SODIMM Support Up to 4GB DDR3 800 SDRAM
• SSD	One CF Socket Supports Type I/II Compact Flash Card
• Hard Drive Bay	One 2.5" SATA HDD/SSD
• WiFi	Optional USB or Mini PCIe WiFi module
• Watchdog Timer	Reset: 1 ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control
• Expansion	1 x Mini PCIe Slot
<b>Rear Panel I/O</b>	
• Serial Port	1 x RS-232
• Ethernet	1 x RJ-45 (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)
• VGA	1 x DB-15
• Audio	1 x Line-out (Realtek ALC888 Supports 5.1-CH Audio)
• USB	2 x USB 2.0
• Mouse & K/B	1 x PS/2 KB & MS
• Speaker	2 x 2W
<b>Display</b>	
• Chipset	Intel® ICH8-M
• Display Memory	Intel® DVMT 3.0 Supports Up to 224MB Frame Buffer Using System Memory
• Resolution	CRT Resolutions Up to 2048 x 1536
• Dual Display	CRT + LVDS with Clone Mode



# PPC-21W05

## Fanless 21" FHD TFT Multifunctional Plastic Panel PC with Atom™ Dual Core Solution

### Diagram



#### Environment & Mechanical

• <b>Color</b>	Front & Rear Panel Black (Plastics)
• <b>Mounting</b>	Wall/ Stand/ VESA 100mm X 100mm
• <b>Power Input</b>	100 ~ 250 Vdc/ 47 ~ 63Hz
• <b>Power Output</b>	+12Vdc/ 7A (84W)
• <b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
• <b>Storage Temperature</b>	-10 ~ 50°C (14 ~ 122°F)
• <b>Relative Humidity</b>	0% ~ 90% Relative Humidity, Non-condensing
• <b>Dimension (W x D x H)</b>	516mm x 331mm x 55mm
• <b>Weight</b>	TBD

- 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

### Ordering Information

- **PPC-21W05**  
21" FHD TFT Plastic Panel PC with Intel® Atom™ D525 Dual Core 1.8 GHz CPU
- **ACC-WIFI-USB-6R**  
VNT6656G6A40 USB Module w/ Antenna, Cable
- **ACC-WIFI-PCIE-8R**  
WM5201 802.11b/g/n Mini Card w/ Antenna for PPC Series
- **ACC-ARM-D1R**  
VESA STAND, 75 & 100mm
- **ADD-ARM-D23R**  
L Type Stylish Table Stand VESA 75 & 100mm
- **ACC-CF-XX**  
CompactFlash Card Series (xx=Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)