

# PPC-15 Series

Fanless 15" XGA TFT  
Multifunctional Plastic Panel PC



## Features

- 15" 5-wire Resistive XGA TFT
- PPC-1503: Intel® Atom™ N270 1.6GHz CPU  
PPC-1505: Intel® Atom™ D525 Dual-Core 1.8GHz CPU
- VGA, Audio, 2W Amplifier
- Dual Ethernet/ Gigabit Ethernet
- Mini PCIe, 1 CF, 1 COM, 2 USB
- Supports 2.5" SATA HDD
- Wide Voltage +12V ~ 26V, ErP Power
- Fanless Operation, VESA Compliance
- Programmable Function Key



## Specifications

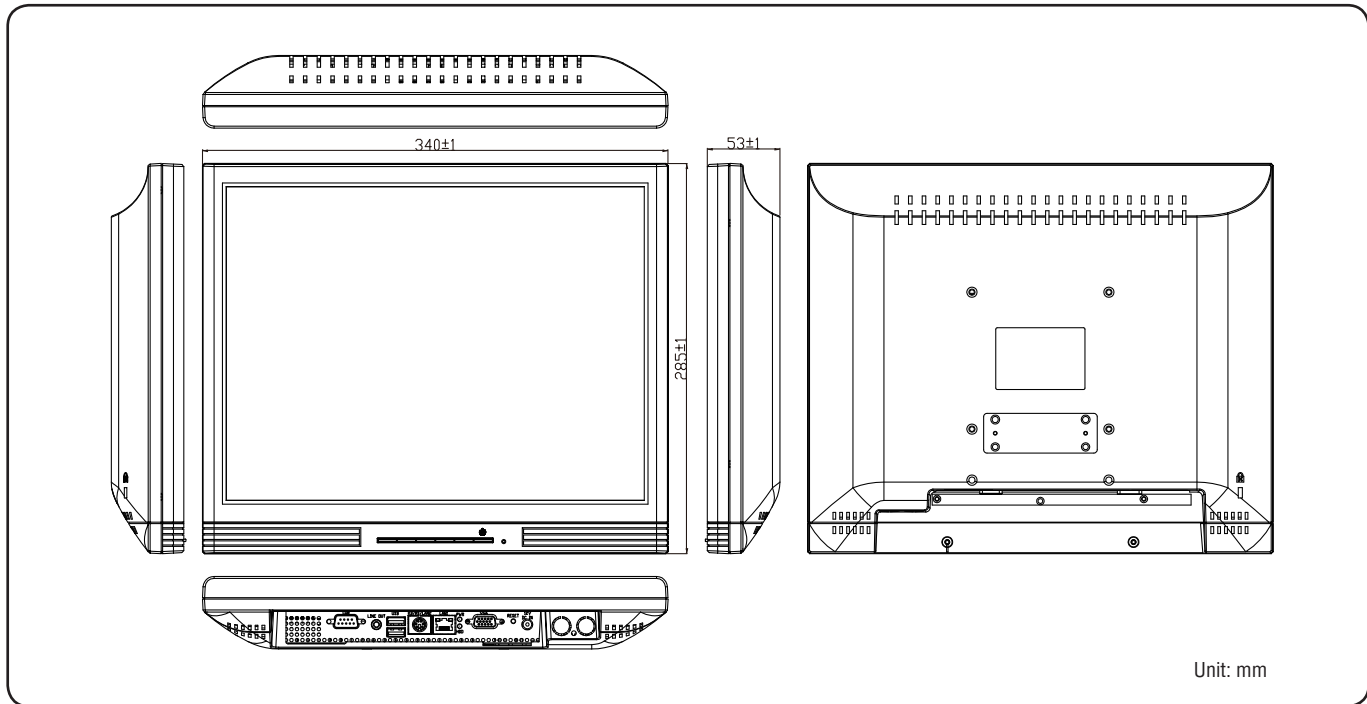
Model Name	PPC-1503	PPC-1505
• LCD Size	15", 4:3	15", 4:3
• Resolution, Color	1024 x 768 XGA, 16.7M	1024 x 768 XGA, 16.7M
• Pixel Pitch	0.297mm (H) x 0.297mm (V)	0.297mm (H) x 0.297mm (V)
• Luminance	300cd/m <sup>2</sup>	300cd/m <sup>2</sup>
• Contrast Ratio	700	700
• Viewing Angle	70 (U), 70 (D), 75 (L), 75 (R)	70 (U), 70 (D), 75 (L), 75 (R)
• Response Time	8ms	8ms
• Backlight	2 x CCFC	2 x CCFL
• Touch Screen	5-wire resistive	5-wire Resistive
• Light Transmission	80%	80%
• Touch Interface	USB	USB
<b>System</b>		
• CPU	Onboard Intel® Atom™ N270 1.6GHz CPU	Onboard Intel® Atom™ D525 Dual-Core 1.8GHz CPU
• System Chipset	Intel® 945GSE/ ICH7-M	Intel® ICH8-M
• I/O Chip	ITE IT8712F/KX	Winbond W83627DHG
• System Memory	Onboard 1GB DDR2, One 200-pin DDR2 SODIMM Supports Up to 2GB 400/ 533 SDRAM (1GB Per Bank)	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	One CF Socket Supports Type I/II Compact Flash Card
• Hard Drive Bay	One 2.5" SATA HDD/ SSD	One 2.5" SATA HDD/ SSD
• WiFi	Optional USB or Mini PCIe WiFi Module	Optional USB or Mini PCIe WiFi module
• Watchdog Timer	Reset: 1 ~ 65535 sec./min. and 1min./step	Reset: 1 ~ 255min. and 1sec. or 1min./step
• H/W Status Monitor	Monitoring System Temperature, Voltage, with Auto Throttling Control	Monitoring System Temperature, Voltage, with Auto Throttling Control
• Expansion	1 x Mini PCI, 1 x Mini PCIe Slot	1 x Mini PCIe Slot
<b>Rear Panel I/O</b>		
• Serial Port	1 x RS-232	1 x RS-232
• Ethernet	2 x RJ-45 (Realtek RTL8111C Gigabit Ethernet)	1 x RJ-45 (Intel® 82574L Gigabit Ethernet, Optional Dual 82574L Gigabit Ethernet)
• VGA	1 x DB-15	1 x DB-15
• Audio	1 x Line-out (Realtek ALC892 Supports 5.1-CH Audio)	1 x Line-out (Realtek ALC888 supports 5.1-CH Audio)
• USB	2 x USB 2.0	2 x USB 2.0
• Mouse & K/B	n/a	1 x PS/2 KB & MS
• Speaker	2 x 2W	2 x 2W



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## Diagram



### Environment & Mechanical

• <b>Color</b>	Front & Rear Panel Black (Plastics)
• <b>Mounting</b>	Wall/ Stand/ VESA 100mm X 100mm
• <b>System Power Requirement</b>	+12 ~ 26V DC Power Input
• <b>Power Adapter</b>	Input: 100 ~ 250VAC/ 47 ~ 63Hz Output: 60W Adapter (12V @ 5A Adapter)
• <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>	340mm x 285mm x 53mm
• <b>Weight</b>	2.79Kgs

- 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-1503**  
15" XGA TFT Plastic Panel PC with Intel® Atom™ N270 1.6GHz CPU
- **PPC-1505**  
15" XGA TFT Plastic Panel PC with Intel® Atom™ D525 Dual Core 1.8GHz 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-MSR-004R**  
MSR with Bracket Set for PPC-1501
- **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)