

# VPPCW1850ATPC

18" WXGA TFT Fanless Plastic Multi-Touch  
Full Flat Panel PC with Atom™ Dual Core Solution

Intel®  
Atom™

GbE

5.1-CH  
Audio

2W  
AMP

CF

2 USB

1 COM

Mini  
PCIe

Fanless

Wide  
Voltage



## Key Features:

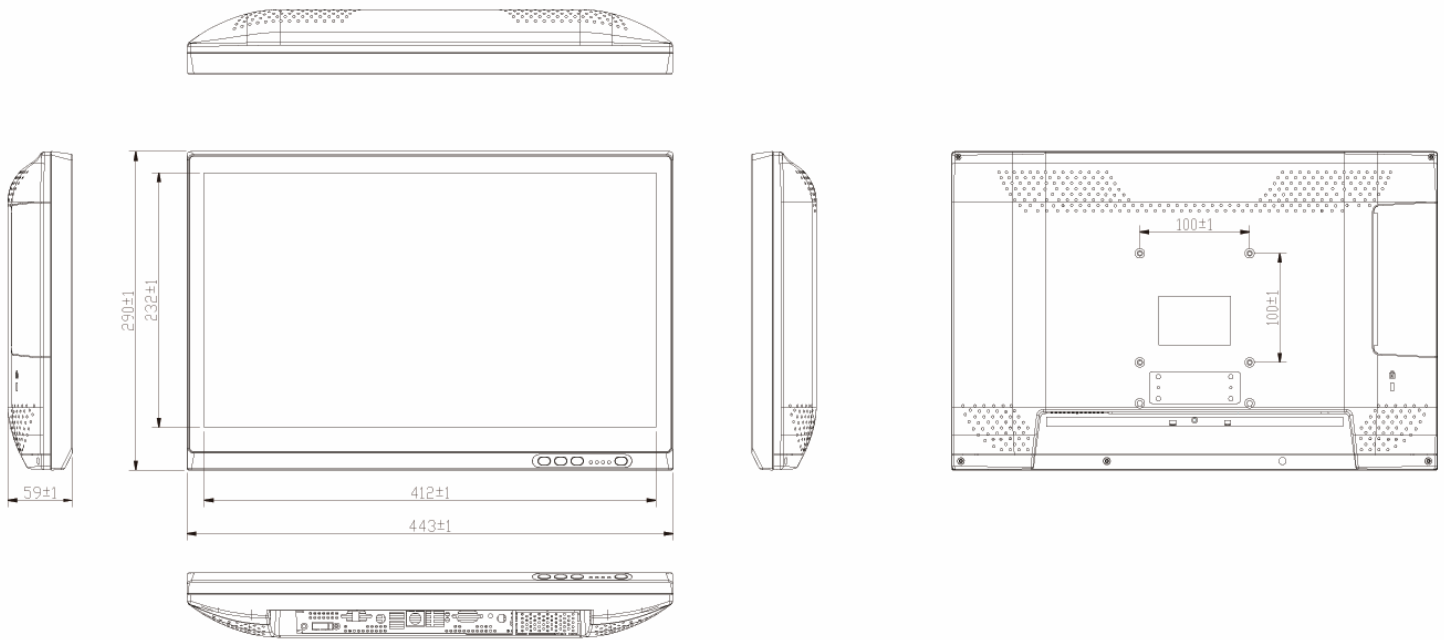
- Fanless Onboard Intel® Atom™ D525 Dual-Core 1.8 GHz CPU
- Projected Capacitive Touch Supports Multi-touch
- Onboard 1GB Up to 2GB & 1 SODIMM Up to 4GB DDR3 SDRAM
- 1 Intel® 82574L Gigabit Ethernet, 2W Amplifier
- 1 CF, 2 USB, 1 COM & 1 Mini-PCIe
- Wide Voltage +12V ~ +28V Input, ErP Power
- Over Current & Surge Protection
- Backlight Controlled by PWM, Timer-Power-On
- IP-55 Compliant Front Panel
- Programmable Function Key

## Specifications:

<b>Model</b>	<b>VPPCW1850ATPC</b>
• LCD Size	18.5", 16:9
• Resolution	1366 x 768 WXGA, 16.7M
• Pixel Pitch	0.300mm (H) x 0.300mm (V)
• Luminance	300cd/m <sup>2</sup>
• Contrast Ratio	1000:1
• Viewing Angle	80 (U), 80 (D), 85 (L), 85 (R)
• Response Time	5ms
• Backlight	2 x CCFL
• Touch Screen	Projected Capacitive Touch Supports Multi-touch
• Light Transmission	91%
• 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 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



## Diagram:



Unit: mm

Environment & Mechanical	
• Color	Front & Rear Panel Black (Plastic)
• Mounting	Wall/ Stand/ VESA 100mm X 100mm
• System Power Requirement	+12V ~ +28V DC Power Input
• Power Adapter	Input: 100 ~ 250VAC/ 47 ~ 63Hz Output: 60W Adapter (12V @ 5A Adapter)
• Operating Temperature	0 ~ 40°C (32 ~ 104°F)
• Storage Temperature	-10 ~ 50°C (14 ~ 122°F)
• Relative Humidity	0% ~ 90% Relative Humidity, Non-condensing
• Dimensions (W x D x H)	443mm x 290mm x 59mm
• Weight	4.54Kgs