

# Fanless Rugged Touch Panel PC

12.1" 1024x768 Industrial Touch Panel PC, ErP Design  
Intel Core i5 6300U 2.4GHz CPU/4G RAM/64GB  
SSD2GLAN/2COM/4USB/SPK/12~26V input/12V Adapter/Win10 IoT

**Model: VCPCW1210-i5**



## Features:

- Onboard 6th Gen Intel ULT Core i5 6300U 2.40GHz BGA Processor
- Full Flat Front Panel with Projected Capacitive Touch Supports Multi Touch
- One SODIMM sockets supports up to 16GB DDR4 2133 SDRAM
- 4 USB3, 2 COM
- Dual Intel Gigabit LAN
- Wide Voltage +12V ~ +26V Input, ErP Power
- Available Expansion for Audio, USB, COM, HDMI, MPCle, GPIO, CAN Bus
- IP65 Compliant Front Panel, IP41 Rear Box
- With Panel Mount kits included
- TPM 1.2 Function (Optional)



## Specifications:

<b>System</b>	
Processor	6th Gen Intel® Core™ i5-6300U, 2-Core, 2.4GHz processor
System Memory	1 x 260-Pin DDR4 2133MHz SO-DIMM up to 16 GB
I/O Chip	EC ITE IT8528E
Watchdog Timer	H/W Reset, 1sec. ~ 65535min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
SBC	
<b>Expansion</b>	
Expansion	1 x Mini PCIe Support mSATA 1 x 80-pin IET interface
<b>Storage</b>	
Storage	1 x 2.5" Drive Bay (7mm HDD Restricted)
<b>Panel</b>	
LCD Size	12.1", 4:3
Display Type	XGA
Resolution	1024 x 768
Pixel pitch	0.240 mm (H) x 0.240 mm (V)
Luminance	600 cd/m <sup>2</sup>
Contrast ratio	1000
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	11 ms
Backlight	LED
Touch Type	Projective Capacitive Multi-Touch up to 10 points
Touch Light Transmission	89 %
Touch Controller	USB touch (EETI)
<b>I/O</b>	
USB	4 x USB 3.0
SATA	1 x SATA III
COM Port	1 x RS-232/422/485, 1 x RS-232
Other	3 x Knockouts for Antenna Mounting
<b>Display</b>	
Chipset	Intel® Skylake SoC integrated Graphics Supports optional dual display
Resolution	HDMI: Max. resolution 4096x2160 @ 24Hz (Optional by IET module)

<b>Audio</b>	
Chipset	Realtek ALC892
Speaker Output	2 x 2W
<b>Ethernet</b>	
Chipset	1 x Intel® I210AT, 1 x Intel® I219LM
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ-45
<b>Mechanical &amp; Environmental</b>	
Weight	2.54Kgs
Mounting Kit	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm Panel Mount with mounting kits
Dimension (L x W x H)	292.86 x 225.4 x 51.5 mm
IP Rating	Front Panel IP65 back cover IP41
Vibration Test	With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 1hr/axis
Shock Test	Operating with SSD/CFast/mSATA : MIL-STD-810G, Method 516.6, Procedure I, functional shock=20G
System Fan	Fanless
Construction - Front	Die Casting with Cover lens
Construction - Rear	Black Die Casting
<b>Certifications</b>	
Certification Information	CE / FCC Class B
OS Information	Win 7/ 8.1 / 10 / Linux
<b>Power Requirement</b>	
Power Connector	Lockable DC Jack
Power Requirement	+12V ~ +26V
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz

*\*Specifications subject to change without notice, not responsible for typographical errors.*

## Drawings

*This is subject to change without Notice. Final Drawings will be provided for Approval after Order.*

