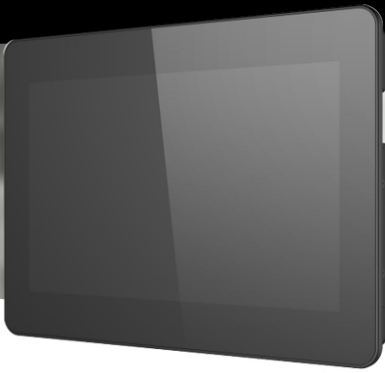


# Fanless Rugged Touch Panel PC

10.1" 1280x800 Industrial Touch Panel PC, ErP Design  
Intel Celeron SoC N3350 1.10GHz CPU/4GB RAM/64GB SSD  
2GLAN/2COM/4USB/SPK/9~36V input/12V Adapter/Win10 IoT

**Model: VCPCW1010- N3350**



## Features:

- 10.1" WXGA LCD with PCAP Multi-Touch
- Onboard Intel Celeron N3350 SoC BGA Processor
- 1 x 204-pin DDR3L SODIMM Socket, Supports Up to 8GB DDR3L 1600MTs SDRAM
- Rich I/Os, 2 LAN, 2 COM, 4 USB, SIM Card Slot, Swappable
- Drive Bay, Speaker out for Flexible Expansion Modules
- 1 x Mini PCIe Slot
- Rugged Design for Vibration & Shock Protection, Cable less Design
- Fanless Operation from -10 ~ 50°C
- Wide Range DC Power Input from +9 ~ 36Vdc
- Service Window, Easy to Install Memory Module
- Front panel: IP65, Rear: IP41 (except I/O)
- TPM2.0 (optional)



## Specifications:

System	
Processor	Onboard Intel® Celeron® SoC BGA Processor (Apollo Lake Platform N3350 CPU)
System Memory	One 204-pin DDR3L SODIMM Socket, Supports Up to 8GB DDR3L 1600Mhz SDRAM (Non-ECC)
Watchdog Timer	H/W Reset, 1sec. ~ 65535sec./1sec.step
H/W Status Monitor	Monitoring CPU & System Temperature and Voltage
CPU Cooler (Type)	Fanless Heatsink
Expansion	
Expansion	1 x mSATA supports on the 1st Mini PCIe slot, Auto switch for mSATA or Mini PCIe 1 x 80-pin IET interface
Storage	
Storage	1 x 2.5" Drive Bay(7mm HDD Restricted)
HDD/ SSD	1 x SATA3
Other Storage Device	1 x mSATA supports on the 1st Mini PCIe slot, Auto switch for mSATA or Mini PCIe
Panel	
LCD Size	10.1" 16:10
Display Type	WXGA
B/L Inverter/Converter	LCD built in
Resolution	1280x800
Pixel pitch	0.1695mm(H) x 0.1695mm(V)
Luminance	350 cd/m2
Contrast ratio	800
Viewing angle	85 (U), 85 (D), 85 (L), 85 (R)
Response time	25 ms
Backlight	LED
Touch Type	PCAP Multi-Touch support up to 10 points
Touch Light Transmission	88 %
Touch Controller	EETI
I/O	
USB	4 x USB3.0 (2 x Double deck)
COM Port	1 x RS-232/422/485, selectable by BIOS, RS-485 supports Auto Flow, Pin-9 selected by Ring/+5V/+12V) 1 x RS-232
DIO	16-bit GPIO
Expansion	1 x mSATA supports on the 1st Mini PCIe slot, Auto switch for mSATA or Mini PCIe 1 x Optional by IET module
Other	3 x Knockouts for Antenna Mounting

<b>System Control</b>	
LED Indicator	HDD LED, Power LED
<b>Audio</b>	
Chipset	Realtek ALC892
Speaker Output	2 x 2W
<b>Ethernet</b>	
LAN Port	2 x Intel I211AT for APL-M
<b>DC In/Out Characteristics</b>	
Power Type	AT/ATX
<b>Mechanical &amp; Environmental</b>	
Power Requirement	DC +9V ~ +36V, wide voltage single power input TVS component for surge protection Reverse current/voltage protection
Power Type	AT/ATX
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	0% ~ 90% Relative Humidity, Non-condensing
Weight	2.17Kgs
Mounting Kit	Wall / Stand / VESA 75mm x 75mm, 100mm x 100mm Panel Mount with mounting kits
Dimension (L x W x H)	282.29 x 200.93 x 50.9mm
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
Relative Humidity	0~90% Relative Humidity, Non-condensing
Fanless	Yes
Drop	ISTA 2A, IEC-60068-2-32 TestEd
<b>Certifications</b>	
Certification Information	CE / FCC Class B
<b>Software Support</b>	
OS Information	Linux, Windows 10
<b>Power Requirement</b>	
Power Connector	Lockable DC Jack (Default) optional for phoenix connector
Power Requirement	DC +9V ~ +36V, wide voltage single power input TVS component for surge protection Reverse current/voltage protection
ACPI	Single power ATX Support S0, S3, S4, S5 and ACPI 3.0 Compliant
Power Mode	AT/ATX
Adapter	Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) AC-DC Adapter

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

## Drawings

NOT AVAILABLE