



## OFFP-07W33

**7" WXGA PCAP Multi-Touch Fanless Open Frame Panel PC with Intel® Celeron® N3350/J3455 Processor**

- > 7" WXGA Open frame panel PC with PCAP Touch
- > Onboard Intel® Celeron® N3350/J3455 SoC BGA Processor
- > 1x 204-pin DDR3L 1866/1600/1333 MHz SO-DIMM supports up to 8GB
- > 1x HDMI, 2x GbE LAN, 4x USB 3.2(Gen1x1, 5Gbps), 2x USB2.0 (pin header)
- > 1x RS-232, 1x RS-232/422/485 (pin header)
- > 1x Full Size Mini-PCle support mSATA, 1x Half Size Mini-PCle for option WIFI/BT
- > 1x 8bit GPIO (pin header)
- > Slim & Strength Design
- > Fanless Operation from 0° ~ 45°C
- > Wide Voltage Input +12 ~ 26Vdc

### + Spec

System Information	
<b>Processor</b>	Onboard Intel® Celeron® N3350/ J3455 SoC BGA Processor
<b>System Memory</b>	Default with 4GB DDR3L Memory Option supports up to 8GB DDR3L 1866/1600/1333 MHz SO-DIMM
<b>I/O Chipset</b>	EC iTE IT8528
<b>BIOS Information</b>	AMI 128Mbit SPI BIOS
<b>Watchdog Timer</b>	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
<b>H/W Status Monitor</b>	Monitoring System Temperature and Voltage with Auto Throttling Control
<b>CPU Cooler (Type)</b>	Fanless Heatsink
<b>Board</b>	ECM-APL2-B1
Expansion	
<b>Expansion</b>	1 x Full size Mini PCIe Supports mSATA 1 x Half size Mini PCIe for option Wi-Fi/BT
Storage	
<b>Storage</b>	Default with 64GB mSATA (Support up to 512GB)
Panel	
<b>LCD Size</b>	7", 16:10
<b>Display Type</b>	WXGA
<b>Resolution</b>	1280 x 800
<b>Pixel pitch</b>	0.03925(H) x 0.11775(V)
<b>Luminance</b>	300 cd/m <sup>2</sup>
<b>Contrast ratio</b>	900
<b>Viewing angle</b>	89 (U), 89 (D), 89 (L), 89 (R)
<b>Response time</b>	30 ms
<b>Backlight</b>	LED
<b>Touch Type</b>	Projective Capacitive Multi-Touch supports up to 10 points
<b>Touch Light Transmission</b>	89 %
<b>Touch Controller</b>	EETI
I/O	
<b>USB Port</b>	4 x USB 3.2 (Gen1x1, 5Gbps) 2 x USB 2.0 (option by pin header)
<b>COM Port</b>	1 x RS-232 1 x RS-232/422/485 option by pin header
<b>DIO</b>	8-bit GPIO option by pin header
<b>HDMI</b>	1 x HDMI 1.4b: Max. Resolution 3840 x 2160 @ 30Hz
DC In/Out Characteristics	
<b>Power Type</b>	AT/ATX
Audio	
<b>Audio Codec</b>	Realtek ALC888S supports 5.1-CH
Certifications	
<b>Certification Information</b>	CE, FCC Class A
Ethernet	
<b>LAN Chipset</b>	2 x Intel® I211AT
<b>Ethernet Interface</b>	10/100/1000 Base-Tx GbE compatible
<b>LAN Port</b>	2 x RJ45
Mechanical & Environmental	
<b>Operating Temperature</b>	0°C ~ 45°C
<b>Storage Temperature</b>	-10°C ~ 50°C



<b>Operating Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Dimension (W x L x H)</b>	183.1 x 115.85 x 48.1 mm
<b>Weight</b>	700g
<b>Vibration Test</b>	With mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 0.5hr/axis
<b>Shock Test</b>	Operating with mSATA : IEC 60068-2-27 testing procedures, 10G for operation mode
<b>Mounting Kit</b>	Option with Flush / Panel Mounting kits
<b>Power Requirement</b>	+12V~26V DC in Lockable DC Jack
<b>Power Mode</b>	AT/ATX
<b>System Fan</b>	Fanless
<b>Relative Humidity</b>	40°C @ 95% Relative Humidity, Non-condensing
<b>Fanless</b>	Yes
<b>Drop</b>	ISTA 2A, IEC-60068-2-32 Test:Ed
<b>Software Support</b>	
<b>OS Information</b>	Windows 10 Ubuntu 16.04 Android x86 8.1
<b>Ordering Information</b>	
<b>Ordering Information</b>	OFP-07W33-345-A1R 7" WXGA Multi Touch Open Frame Panel PC / Intel Celeron J3455, 4GR,64GB mSATA,4USB3,COM,2LAN,HDMI without adapter  OFP-07W33-335-A1R 7" WXGA Multi Touch Open Frame Panel PC / Intel Celeron N3350, 4GR,64GB mSATA,4USB3,COM,2LAN,HDMI without adapter

 [Ordering](#)