



OFT-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

Processor	Onboard Intel® Celeron® N3350/ J3455 SoC BGA Processor
System Memory	Default with 4GB DDR3L Memory Option supports up to 8GB DDR3L 1866/1600/1333 MHz SO-DIMM
I/O Chipset	EC iTE IT8528
BIOS Information	AMI 128Mbit SPI BIOS
Watchdog Timer	H/W Reset: 1sec. ~ 65535sec./min. and 1sec. or 1min./step
H/W Status Monitor	Monitoring System Temperature and Voltage with Auto Throttling Control
CPU Cooler (Type)	Fanless Heatsink
Board	ECM-APL2-B1

Expansion

Expansion	1 x Full size Mini PCIe Supports mSATA 1 x Half size Mini PCIe for option Wi-Fi/BT
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Storage

Storage	Default with 64GB mSATA (Support up to 512GB)
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Panel

LCD Size	7", 16:10
Display Type	WXGA
Resolution	1280 x 800
Pixel pitch	0.03925(H) x 0.11775(V)
Luminance	300 cd/m ²
Contrast ratio	900
Viewing angle	89 (U), 89 (D), 89 (L), 89 (R)
Response time	30 ms
Backlight	LED
Touch Type	Projective Capacitive Multi-Touch supports up to 10 points
Touch Light Transmission	89 %
Touch Controller	EETI

I/O

USB Port	4 x USB 3.2 (Gen1x1, 5Gbps) 2 x USB 2.0 (option by pin header)
COM Port	1 x RS-232 1 x RS-232/422/485 option by pin header
DIO	8-bit GPIO option by pin header
HDMI	1 x HDMI 1.4b: Max. Resolution 3840 x 2160 @ 30Hz

DC In/Out Characteristics

Power Type	AT/ATX
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Audio

Audio Codec	Realtek ALC888S supports 5.1-CH
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Certifications

Certification Information	CE / FCC Class A
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Ethernet

LAN Chipset	2 x Intel® I211AT
Ethernet Interface	10/100/1000 Base-Tx GbE compatible
LAN Port	2 x RJ45

Mechanical & Environmental

Operating Temperature	0°C ~ 45°C
Storage Temperature	-10°C ~ 50°C



Operating Humidity	40°C @ 95% Relative Humidity, Non-condensing
Dimension (W x L x H)	183.1 x 115.85 x 48.1 mm
Weight	700g
Vibration Test	With mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 0.5hr/axis
Shock Test	Operating with mSATA : IEC 60068-2-27 testing procedures, 10G for operation mode
Mounting Kit	Option with Flush / Panel Mounting kits
Power Requirement	+12V~26V DC in Lockable DC Jack
Power Mode	AT/ATX
System Fan	Fanless
Relative Humidity	40°C @ 95% Relative Humidity, Non-condensing
Fanless	Yes
Drop	ISTA 2A, IEC-60068-2-32 Test:Ed
Software Support	
OS Information	Windows 10 Ubuntu 16.04 Android x86 8.1
Ordering Information	
Ordering Information	OFT-07W33-3455-A1R 7" WXGA Multi Touch Open Frame Panel PC / Intel Celeron J3455, 4GR,64GB mSATA,4USB3,COM,2LAN,HDMI without adapter OFT-07W33-3350-A1R 7" WXGA Multi Touch Open Frame Panel PC / Intel Celeron N3350, 4GR,64GB mSATA,4USB3,COM,2LAN,HDMI without adapter

 [Ordering](#)