



OFF-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 |
| HW 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 PCle Supports mSATA 1 x Half size Mini PCle for option Wi-Fi/BT |
| Storage | |
| Storage | Default with 64GB mSATA (Support up to 512GB) |
| 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 |
| Audio | |
| Audio Codec | Realtek ALC888S supports 5.1-CH |
| Certifications | |
| Certification Information | CE, FCC Class A |
| 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 | OFF-07W33-345-A1R 7" WXGA Multi Touch Open Frame Panel PC / Intel Celeron J3455, 4GR,64GB mSATA,4USB3,COM,2LAN,HDMI without adapter OFF-07W33-335-A1R 7" WXGA Multi Touch Open Frame Panel PC / Intel Celeron N3350, 4GR,64GB mSATA,4USB3,COM,2LAN,HDMI without adapter ACC-ADP-060N-08R AC/DC adapter 12V/5A 90 degree Screw Type E1702031833R USA Power Cord E1702031000R EU Power Cord E1702031834R Japan Power Cord E1702031830R UK Power Cord E1702031831R Australia Power Cord |

[+ Ordering](#)

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