

AFL3-W10A-AL

Intel® Celeron® J3455 (quad core , 1.5GHz up to 2.3 GHz)



Features

- » W10.1" light industrial interactive panel PC
- » 9 V ~ 30 V wide range DC input with lockable DC jack
- » Selectable AT/ATX power mode
- » Built-in speakers
- » Support PoE PD IEEE803.2 af/at/bt
- » IP64 compliant front panel
- » Touch screen with anti-UV / anti-glare coating

Specifications

| System | |
|-----------------------------|--|
| Cooling method / System Fan | Fanless |
| CPU | Intel® Celeron® J3455 (quad core , 1.5GHz up to 2.3 GHz) |
| Storage | 1 x M.2 B+M key PCIe 2242 (USB/PCIE/SATA signal) |
| Communication | |
| Bluetooth | Bluetooth V4.1 |
| Wireless | IEEE 802.11a/b/g/n/ac |
| I/O Interface | |
| Ethernet | 2 x PCIe GbE by Intel® i211 controller |
| Audio | AMP 2W + 2W (internal speaker) |
| Audio Codec | ALC269 |
| RAM | one 204-pin 1866MHz DDR3L DIMMs support up to 8GB |
| Power | |
| Power Requirement | 9~30V , 4~1.2A |
| Environment | |
| Operating Temperature | -20°C ~ 50°C |
| Humidity | 10% to 95% (non-condensing) |
| Storage Temperature | -20°C~60°C |
| Weight | |
| Weight | 1.06kg/2.58kg |
| LCD | |
| Size | 10.1" |
| Resolution | 1280 x 800 (16:10) |
| Brightness (cd/m2) | 350 |
| Contrast Ratio | 800:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.1695 (H) x 0.1695 (V) |
| Viewing Angle (H-V) | 170° / 170° |
| Backlight MTBF | 15000 (LED backlight) |
| Touch | |
| Touch Screen | Projected capacitive type with USB interface (anti-UV) |
| Touch Controller | EETI EXC3146 |
| Other Features | |
| Camera | 2-megapixel with low light function |
| Microphone | digital microphone |

| I/O Interface | |
|---------------|--|
| I/O Interface | 1 x AT/ATX Switch |
| | 1 x Clear CMOS |
| | 1 x Line out |
| | 2 x USB 2.0 |
| | 2 x USB 3.2 Gen1x1 |
| | 1 x HDMI (output) |
| | 2 x LAN (GbE) |
| | 1 x Power Switch |
| | 1 x Reset Button |
| | 1 x Power In (9 V ~ 30 V lockable DC jack) |
| OS Support | |
| OS Support | Microsoft Windows 10 / Windows 11, Linux |

Ordering Information

| | |
|-----------------------------|---|
| AFL3-W10A-AL-J2/P/PC/4G-R10 | 10.1" 350cd/m ² 1280x800 fanless Panel PC with Intel® Celeron® Processor J3455 (10W) on-board Processor, POE option, 1*4GB DDR3L , 802.11a/b/g/n/ac WiFi module, PCAP touch, 2M camera, microphone,R10 |
| AFL3-PD-BT01-KIT01-R10 | PoE PD IEEE802.3 af/at/bt module kit , only for AFL3-xxx-AL optional (W10A/12A/W15A) , R10 |

Packing List

| | |
|---|----------------------------|
| 4 x Round head machine screw | 4 x Pan head machine screw |
| 1 x Power cord | 1 x Power adapter |
| 1 x RJ-45 to DB-9 COM port transfer cable | |