

AFL3-12A-AL

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



Features

- » 12.1" 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 2.5" SATA 3Gb/s HDD bay 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 , 6.67A~5A |
| Environment | |
| Operating Temperature | -20°C ~ 50°C |
| Humidity | 10% to 95% (non-condensing) |
| Storage Temperature | -20°C ~ 60°C |
| Weight | |
| Weight | 1.92kg/3.95kg |
| LCD | |
| Size | 12.1" |
| Resolution | 1024 x 768 (4:3) |
| Brightness (cd/m2) | 500 |
| Contrast Ratio | 700:1 |
| LCD Color | 16.2M |
| Pixel Pitch (mm) | 0.240 (H) x 0.240 (V) |
| Viewing Angle (H-V) | 160° / 160° |
| Backlight MTBF | 50000 (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 |
| | 1 x RS-232 (RS-232 by DP9 (RI/5V , 1A)) |
| | 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 RS-422/485 (RS-232/422/485 by RJ45) |
| | 1 x Reset Button |
| | 1 x Power In (9 V ~ 30 V lockable DC jack) |
| OS Support | |
| OS Support | Microsoft Windows 10, Linux |

Ordering Information

| | |
|----------------------------|---|
| AFL3-PD-BT01-KIT01-R10 | PoE PD IEEE802.3 af/at/bt module kit , only for AFL3-xxx-AL optional (W10A/12A/W15A) , R10 |
| AFL3-12A-AL-J2/P/PC/4G-R10 | 12.1"500 cd/m ² 1024x768 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 |

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 | |