

# 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))
	1 x RS-422/485 (RS-232/422/485 by RJ45)
	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-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 <sup>2</sup> 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	