

# AFL3-12A-BT

Intel® Celeron® J1900 (Quad Core, 2.0 GHz)



## Features

- » W10"~12" 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
- » One mSATA slot
- » IP64 compliant front panel
- » IEI One Key Recovery solution allows you to create rapid OS backup and recovery (suggested with over 4GB storage capacity)

## Specifications

System	
CPU	Intel® Celeron® J1900 (quad core, 2.0 GHz)
Communication	
Wi-Fi	IEEE 802.11a/b/g/n/ac
I/O Interface	
RAM	One 204-pin 2 GB 1333MHz single-channel, 2GB DDR3L SDRAM preinstalled (system max. 8GB)
I/O Ports and Switches	1 x RS-232 COM port (RJ-45 connector)
	1 x RS-232/422/485 COM port (DB-9 connector)(RI/5V/12V)
	2 x USB3.2 Gen1 (5Gb/s)
	2 x USB 2.0
	2 x RJ-45 for GbE LAN
	1 x Power switch
	1 x Audio port (line-out)
Power	
Power Requirement	9~30 VDC
Environment	
Operating Temperature	-20°C~50°C
Storage Temperature	-20°C~60°C
Storage	
Storage	mSATA
	2.5" SATA 3Gb/s HDD bay
Dimensions	
Dimensions	303 x 243 x 44
Weight	
Weight	1.92Kg/3.95Kg
LCD	
Size	12.1"
Resolution	1024 x 768
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°/140°
Backlight MTBF	50000 (LED backlight panel)
<b>Touch</b>	
Touch Screen	5-wire resistive touch window/ projected capacitive type
Touch Controller	PenMount DMC9000/ EETI EXC3146
<b>Other Features</b>	
Camera	2-megapixel with low light function
Microphone	digital microphone
<b>I/O Interface</b>	
I/O Interface	1 x RS-232 (COM port (RJ-45 connector))
	2 x USB 2.0
	2 x USB 3.2 Gen1x1
	1 x Audio ((line-out))
	2 x LAN (RJ-45 for GbE LAN)
	1 x DC Input Jack (9-30V lockable power jack)
	1 x Reset Button
	1 x Power Switch
	1 x AT/ATX switch
	1 x RS-422/485 (COM port (DB-9 connector)(RI/5V/12V))

## Ordering Information

AFL3-12A-BT-J1/R/4G-R16	12.1"500 cd/m <sup>2</sup> XGA fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11a/b/g/n/ac wireless module, resistive touch screen, 4GB DDR3L RAM , with AG, R16
AFL3-12A-BT-J1/R/2G-R16	12.1"500 cd/m <sup>2</sup> XGA fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11a/b/g/n/ac wireless module, resistive touch screen, 2GB DDR3L RAM , with AG, R16
AFL3-12A-BT-J1/PC/4G-R16	12.1"500 cd/m <sup>2</sup> XGA fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11a/b/g/n/ac wireless module, projected capacitive touch screen, 4GB DDR3L RAM , with AG, R16
AFL3-12A-BT-J1/PC/2G-R16	12.1"500 cd/m <sup>2</sup> XGA fanless panel PC with Intel® Celeron® J1900 quad core 2 GHz, 802.11a/b/g/n/ac wireless module, projected capacitive touch screen, 2GB DDR3L RAM , with AG, R16

## Packing List

10 x Screw Pack M2	1 x Power Adpater
1 x Touch Pen	1 x RJ45 to RS-232 Transfer Cable