

## 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            |                                                                                         |
| 工作温度                   | -20°C~50°C                                                                              |
| 存储温度                   | -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                    |                                                                                         |
| LCD 尺寸                 | 12.1"                                                                                   |
| 分辨率                    | 1024 x 768                                                                              |
| 亮度                     | 500                                                                                     |
| 对比度                    | 700:1                                                                                   |
| LCD 色彩                 | 16.2M                                                                                   |
| 像素间距 (mm)              | 0.240 (H) x 0.240 (V)                                                                   |

|                |                                                          |
|----------------|----------------------------------------------------------|
| 可视角度 (H-V)     | 160°/140°                                                |
| 背光 MTBF        | 50000 (LED backlight panel)                              |
| Touch          |                                                          |
| 触摸屏            | 5-wire resistive touch window/ projected capacitive type |
| 触控IC           | PenMount DMC9000/ EETI EXC3146                           |
| Other Features |                                                          |
| Camera         | 2-megapixel with low light function                      |
| Microphone     | digital microphone                                       |
| I/O Interface  |                                                          |
| I/O 接口         | 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 |