

# AFL3-08A-BT

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



## Features

- » 8.4" 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)                                                  |
| Memory Max.           | One 204-pin 2 GB 1333MHz single-channel, 2GB<br>DDR3L SDRAM pre-installed (system max. 8GB) |
| Storage               | mSATA                                                                                       |
| I/O Interface         |                                                                                             |
| Ethernet              | 2 x PCIe GbE by RTL8111E controller                                                         |
| Audio                 | ALC892                                                                                      |
| Power                 |                                                                                             |
| Power consumption     | 12V@2A(Intel® J1900 CPU with 2GB 1333 MHz DDR3L memory)                                     |
| Power Requirement     | 9 V ~ 30 V                                                                                  |
| Environment           |                                                                                             |
| Operating Temperature | -10°C~50°C                                                                                  |
| Safety & EMC          | CE/FCC                                                                                      |
| Humidity              | 10% to 95% (non-condensing)                                                                 |
| Storage Temperature   | -20°C~60°C                                                                                  |
| Dimensions            |                                                                                             |
| Dimensions            | 233 x 175 x 50                                                                              |
| Weight                |                                                                                             |
| Weight                | 0.8/2.44                                                                                    |
| LCD                   |                                                                                             |
| Size                  | 8.4"                                                                                        |
| Resolution            | 800 x 600 (4:3)                                                                             |
| Brightness (cd/m2)    | 450                                                                                         |
| Contrast Ratio        | 600:1                                                                                       |
| LCD Color             | 16.2M                                                                                       |
| Pixel Pitch (mm)      | 0.213 (H) x 0.213 (V)                                                                       |
| Viewing Angle (H-V)   | 160° / 140°                                                                                 |
| Touch                 |                                                                                             |
| Touch Screen          | 5-wire resistive with RS-232 interface (anti-glare coating)                                 |
| Touch Controller      | EETI EXC3160                                                                                |
| I/O Interface         |                                                                                             |

|               |                                    |
|---------------|------------------------------------|
| I/O Interface | 1 x RS-232 ((RJ45 connector))      |
|               | 1 x RS-422/485 ((DB-9 connector))  |
|               | 2 x USB 2.0                        |
|               | 2 x USB 3.2 Gen1x1                 |
|               | 1 x LAN (Gbe)                      |
|               | 1 x DC Input Jack (9-30V Lockable) |
|               | 1 x Reset Button                   |
|               | 1 x Power Switch                   |
|               | 1 x AT/ATX switch                  |
|               | 1 x Audio ((line-out))             |

## Ordering Information

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AFL3-08A-BT-J1/R/2G-R14 | 8.4"500 cd/m <sup>2</sup> SVGA 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, R14 |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Packing List

|                            |                              |
|----------------------------|------------------------------|
| 2 x Setting kit            | 6 x Round head machine screw |
| 4 x Pan head machine screw | 2 x Fix holder               |
| 2 x Power cord             | 1 x Power adapter            |
| 1 x Touch pen              |                              |