

# AFL3-W22C-ULT5

Intel® 8th Generation Whiskey Lake processor



## Features

- » W21.5" light industrial interactive panel PC
- » 8th Generation Intel® Core™ i5 on-board Whiskey Lake-U processor
- » Selectable AT/ATX power mode
- » Built-in speakers
- » Support PoE PD IEEE803.2 af/at/bt (optional)
- » IP64 compliant front panel
- » Touch screen with anti-UV / anti-glare coating
- » Support Auto Flow Control over RS-485

## Specifications

| System                      |  |
|-----------------------------|--|
| Cooling method / System Fan | Fanless  |
| CPU                         | Intel® Core™ i5-8365UE 1.6 GHz (up to 4.1GHz, Quad-core, 6MB cache, TDP=15W) |
| Storage                     | 1 x M.2 M-key 2242/60/80 PCIe 3.0 x4 (PCIe/SATA Signal)                      |
|                             | 1 x 2.5" SATA 3Gb/s HDD bay  |
| Communication               |  |
| Bluetooth                   | Bluetooth V4.1   |
| Wireless                    | IEEE 802.11a/b/g/n/ac  |
| I/O Interface               |  |
| Ethernet                    | LAN1 & LAN2: Intel® I211   |
|                             | LAN3: Intel® I219  |
| Audio                       | AMP 3W + 3W (internal speaker)   |
| Audio Codec                 | ALC888S  |
| RAM                         | Two 260-pin 2400MHz dual-channel DDR4 SO-DIMMs supporting up to 32 GB        |
| Power                       |  |
| Power Requirement           | 12V, 8A  |
| Environment                 |  |
| Operating Temperature       | -20°C ~ 50°C (-4°F ~ 122°F)  |
| Humidity                    | 10% ~ 95% (non-condensing)   |
| Storage Temperature         | -20°C ~ 60°C (-4°F ~ 140°F)  |
| Weight                      |  |
| Weight                      | 4.5kg/6.5kg  |
| LCD                         |  |
| Size                        | 21.5"  |
| Resolution                  | 1920 X 1080 (16:9)   |
| Brightness (cd/m2)          | 250  |
| Contrast Ratio              | 1000:1   |
| LCD Color                   | 16.7M  |
| Viewing Angle (H-V)         | 170° / 160°  |
| Backlight MTBF              | 30000 (LED backlight)  |
| Touch                       |  |
| Touch Screen                | PCAP with USB interface (anti-UV/AG coating)                                 |
| Touch Controller            | EXC3160  |
| I/O Interface               |  |

|               |  |
|---------------|--|
| I/O Interface | 1 x AT/ATX Switch                        |
|               | 1 x Clear CMOS                           |
|               | 1 x RS-232                               |
|               | 1 x RS-422/485 (RS-232/422/485)          |
|               | 1 x HDMI™                                |
|               | 3 x LAN (GbE)                            |
|               | 1 x Power Switch                         |
|               | 1 x Reset Button                         |
|               | 1 x Power In                             |
|               | 4 x USB 3.2 Gen2                         |
| OS Support    |  |
| OS Support    | Microsoft Windows 10 / Windows 11, Linux |

## Ordering Information

|                               |  |
|-------------------------------|--|
| AFL3-W22C-ULT5-i5/P/PC/4G-R10 | Wide 21.5"250 cd/m <sup>2</sup> 1920x1080 Panel PC with Intel® 14nm 8th Whiskey Lake Core™ i5-8365UE (15W) on-board Processor (ULT) , POE option , 802.11a/b/g/n/ac WiFi module, PCAP touch, 2M camera, microphone,1*4GB DDR4 RAM , with AG, R10 |
|-------------------------------|--|

## Packing List

|                              |                            |
|------------------------------|----------------------------|
| 4 x Round head machine screw | 4 x Pan head machine screw |
| 1 x Power cord               | 1 x Power adapter          |