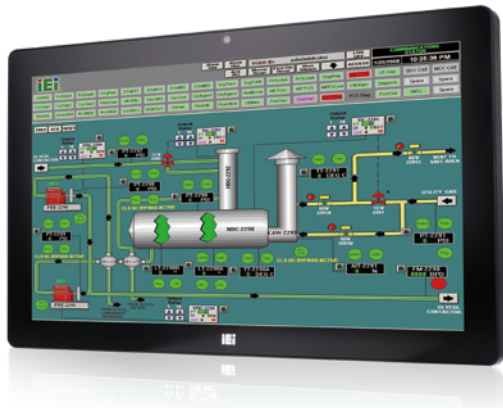


# AFL3-W22C-ULT3

Intel® Core™ i5 and Celeron® ULT Processor



## Features

- W21.5 light industrial interactive panel PC
- 9 V ~ 30 V wide range DC power input
- 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

Model		AFL3-W22C-ULT3
LCD	Size	21.5"
	Resolution	1920 x 1080
	Brightness (cd/m <sup>2</sup> )	250
	Contrast Ratio	1000:1
	LCD Color	16.7M
	Pixel Pitch (mm)	248.25 (H) × 248.25 (V)
	Viewing Angle (H-V)	170°/160°
	Backlight MTBF(hrs)	30,000 (LED backlight panel)
Touch	Touch Screen	Projected capacitive type with USB interface
	Touch Controller	EETI EXC3180
Motherboard	CPU	Intel® Core™ i5 and Celeron® ULT Processor
	RAM	Two 260-pin 2133/1867 MHz dual-channel DDR4 SO-DIMMs (system max. 32 GB)
	Ethernet	2 x Intel® I211-AT PCIe GbE controller
	Audio Codec	ALC892
Storage		(1) 1 x 2.5" SATA 3Gb/s HDD bay (2) 1 x M.2 M key PCIe storage (2280 or 22110) (3) 1 x mSATA slot
I/O Ports & Switch		1 x RS-232 by DB-9 (RI/5V/12V) 1 x RS-232/422/485 by DB-9 (RI/5V/12V) 2 x GbE LAN 4 x USB 3.0 1 x HDMI output 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x 9-30V lockable power jack
Audio		AMP 3W + 3W (internal speaker)
Camera and Microphone		2-megapixel with low light function, digital microphone
Wireless & Bluetooth		IEEE 802.11a/b/g/n/ac, Bluetooth v4.0 (M.2 slot)
OSD Function		Software OSD
Physical	Front Panel Construction	PC + ABS Plastic
	Mounting	Panel, Wall, Stand and Arm VESA 75mm x 75mm / 100mm x 100mm
	Color	Black C
	Dimensions (W x H x D) (mm)	528 x 336 x 68
	Cut-out Dimensions (W x H) (mm)	502 x 303
	Net/Gross Weight (kgs)	8.27/11.27
Environment	Operating Temperature (Ambient with air flow)	-20°C ~ 50°C
	Storage Temperature	-20°C ~ 60°C
	Humidity	10% to 95% (non-condensing)
	IP Level	IP 64 compliant front panel
	Safety & EMC	CE / FCC
	Thermal Solution	Fanless
Power	Power Requirement	9 V ~ 30 VDC
	Power Consumption	12W@6A (Intel® Core™ i5-6300U CPU with 4GB DDR42133 MHz DDR4 memory)

### Ordering Information

Part No.	Description
AFL3-W22C-ULT3-C/PC/4G-R10	Wide 21.5" 250 cd/m <sup>2</sup> 1920x1080 panel PC with 6th generation 14nm Intel® mobile Celeron® 3955U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, 2-megapixel camera, microphone, R10
AFL3-W22C-ULT3-i5/PC/4G-R10	Wide 21.5" 250 cd/m <sup>2</sup> 1920x1080 panel PC with 6th generation 14nm Intel® mobile Core™ i5-6300U (15W) on-board processor (ULT), one 4GB DDR4 RAM, 802.11a/b/g/n/ac Wi-Fi module, PCAP touch, 2-megapixel camera, microphone, R10

### Packing List

Item	Part No.	Q'ty	Description
Round head machine screw	44403-040061-RS	4	M2*4 round head machine screw
Pan head machine screw	44003-030052-RS	4	M4*6 pan head machine screw
Power cord	32702-000200-100-RS	1	
Power adapter	63040-010096-100-RS	1	96W: Vin: 90V~264V AC; Vout: 12VDC

### Options

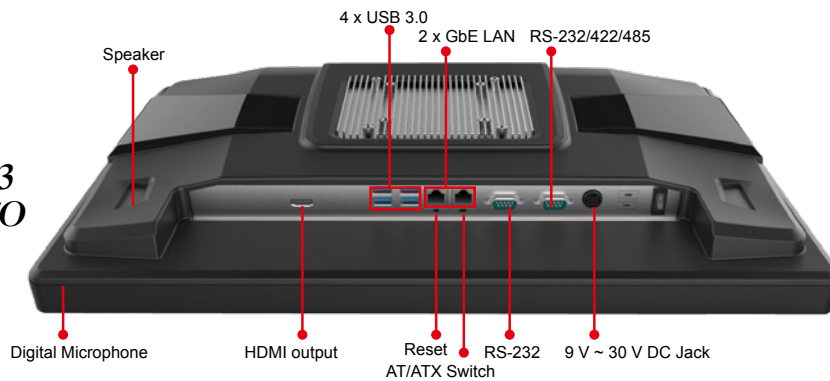
Item	AFL3-W22C-ULT3
Panel Mounting Kit	AFL3PK-W19C-R10
Wall Mounting Kit	AFLWK-19B
Arm	ARM-11-RS/ARM-31-RS
Stand	STAND-A21-R10/ STAND-210-R11/STAND-A19-RS/STAND-C19-R10
Magnetic Card Reader	AFL3P-W10MSR-U-R10
Barcode Scanner	AFL3-2D-R11
RFID Reader (13.56 MHz Mifare Type) (For ATO assembly)	AFL3-MF-RFID-KIT02-R10
*OS: Win 7 Embedded (64-bit)	AFL3-W15C-ULT3-WES7P64-R10
*OS: Win 10 IOT Enterprise (64-bit)	AFL3-W15C-ULT3-W10E64-V-R10

\*OS image with CD-ROM without storage

### E-Window (for ATO assembly) **E-Window**

Part No.	Description
E-MPCIE-LAN02-R10	PCIe Mini card supports 1-port GbE with Realtek RTL8111E controller, with PMS 194C I/O bracket and 340 mm cable, R10
E-MPCIE-CClink02-R10	PCIe Mini card supports CC-Link Slave interface according to V2.0 and V1.1, with PMS black C I/O bracket and 300mm cable, R10
E-MPCIE-PROFIBUS02-R10	PCIe Mini card supports universal PROFIBUS DP card for Master or Slave, with PMS black C I/O bracket and 300mm cable, R10
E-MPCIE-EtherCAT-R10	PCIe Mini card supports universal for all Real-Time Ethernet protocols, with PMS black C I/O bracket and 280mm cable, R10
E-MPCIE-3G-R10	PCIe Mini card supports 3G WWAN , with PMS 130C I/O bracket, RF antenna 300mm cable and GSM antenna cable, R10

### AFL3-W22C-ULT3 Fully Integrated I/O



### AFL3-W22C-ULT3 Dimensions (Unit: mm)

