

AFL3-W19C-ULT3

Intel Core™ i7/i5/i3 and Celeron® on-board Processor

Preliminary



Features

- W19" 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

E-Window

Model		AFL3-W19C-ULT3 Preliminary
LCD	Size	18.5"
	Resolution	1366 x 768 (16:9)
	Brightness (cd/m ²)	250
	Contrast Ratio	1000:1
	LCD Color	262K
	Pixel Pitch (mm)	0.240 (H) x 0.240 (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 EXC3160
Motherboard	CPU	Intel® Core™ i7/i5/i3 and Celeron® on-board Processor
	RAM	Two 260-pin DDR4 SO-DIMMs (system max.32GB)
	Ethernet	LAN1: Intel® I219-LM PHY with Intel® AMT 11.0 supported LAN2: Intel® I211-AT PCIe GbE controller
	Audio Codec	ALC892
Storage		mSATA 2.5" SATA 3Gb/s HDD bay M.2 M key PCIe storage (2280 or 22110)
	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 USB3.0 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		2M pixels with low light function, digital microphone
Wireless & Bluetooth		IEEE 802.11 a/b/g/n/ac, Bluetooth V4.0
OSD Function		Software OSD
Physical	Front Panel Construction	PC + ABS Plastic
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm
	Color	Black C
	Dimensions (WxHxD) (mm)	472x292x68
	Cut-out Dimensions (WxH) (mm)	443 x 230
	Net/Gross Weight (kgs)	7.3/10
Environment	Operating Temperature (°C) (Ambient with air flow)	-20°C ~ 50°C
	Storage Temperature (°C)	-20°C ~ 60°C
	Humidity	10% to 95% (non-condensing)
	IP Level	IP 64 compliant front panel
	Safety&EMC	CE / FCC
Power	Thermal Solution	Fanless
	Power Requirement	9 V ~ 30 VDC
	Power Consumption	12V@7.1A

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IEI Mobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals