

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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IEIMobile Solutions

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Automation Panel Solutions

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Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

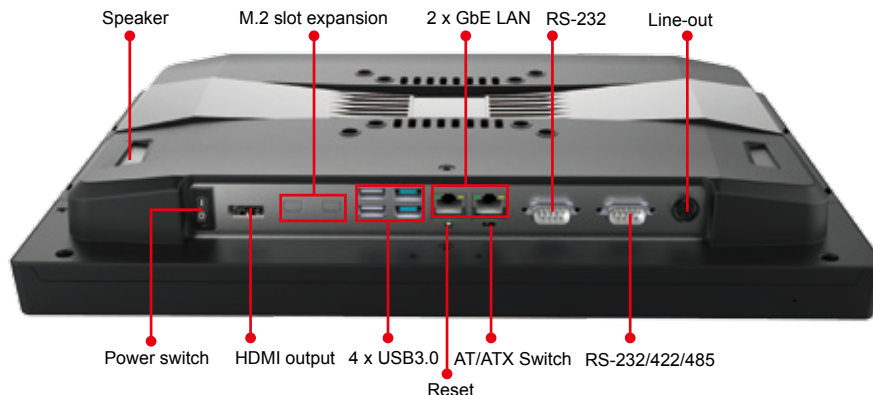
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Automation Control

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Optional Peripherals

AFL3-W19C-ULT3 Fully Integrated I/O



Ordering Information

Part No.	Description
AFL3-W19C-ULT-C/R/4G-R10	Wide 18.5" 250 cd/m ² 1366x768 Panel PC with Intel® 14nm 6th Generation Mobile Celeron® 3955U (15W) on-board Processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac WiFi module, resistive touch, 2M camera, microphone, R10
AFL3-W19C-ULT-i5/R/4G-R10	Wide 18.5" 250 cd/m ² 1366x768 Panel PC with Intel® 14nm 6th Generation Mobile Core™ i5-6300U (15W) on-board Processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac WiFi module, resistive touch, 2M camera, microphone, R10
AFL3-W19C-ULT-C/PC/4G-R10	Wide 18.5" 250 cd/m ² 1366x768 Panel PC with Intel® 14nm 6th Generation Mobile Celeron® 3955U (15W) on-board Processor (ULT), 1*4GB DDR4 RAM, 802.11a/b/g/n/ac WiFi module, PCAP touch, 2M camera, microphone, R10
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Options

Item	AFL3-W19C-ULT3
Panel Mounting Kit	AFL3PK-W07A-R10
Wall Mounting Kit	AFLWK-19B
Rack Mounting Kit	AFL3RK-W19C-R10
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-R10
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 (for PCAP touch)
OS: Win 8 Embedded (64-bit)	AFL3-W15C-ULT3-WE8S64-R10

Packing List

Item	Part No.	Q'ty	Description
One Key Recovery DVD	7B000-001083-RS	1	
Round head machine screw	44003-020041-RS (W15A-BT/15B-H81)	4	M2*4 round head machine screw
Pan head machine screw	44403-040061-RS	4	M4*6 pan head machine screw
Fix holder	46003-009500-RS	2	
Power cord	32702-000200-100-RS	1	
Power adapter	63040-010060-120-RS (W15A-BT)	1	60W; Vin: 90V~264V AC; Vout: 12VDC
	63040-010096-100-RS (W15B-H81)	1	96W; Vin: 90V~264V AC; Vout: 12VDC
Driver CD		1	
RJ-45 to DB-9 COM port transfer cable	32005-000200-200-RS (W15A-BT)	1	300mm, 26AWG, (A) D-SUB 9 male, (B) RJ-45
Touch pen	43125-0002C0-00-RS	1	Resistive touch screen only

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