

AFL3-W19C-ULT5

Intel® 8th Generation Whiskey Lake processor



Features

- » W19" 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	18.5"
Resolution	1366 X 768 (16:9)
Brightness (cd/m2)	400
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-W19C-ULT5-i5/P/PC/4G-R10	Wide 18.5"250 cd/m ² 1366x768 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
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Packing List

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