

AFL3-W19C-ADLP

18.5" Fanless Panel PC with Intel® Alder Lake P



Features

- » 12th Gen Intel® Core™ Mobile i7/i5/i3 Processors
- » Full HD capacitive touch screen
- » Anti-AG and Anti-UV PCAP
- » one E-Window that supports additional connector interface.
- » Support WiFi 6E and Bluetooth5.2

Specifications

System	
CPU	12th Gen Intel® Core™ Mobile i7/i5/i3 Processors (Alder Lake-P)
Memory Ext.	Two 260-pin 3200 MHz dual-Channel DDR4 SO-DIMM (8G Pre-installed) (max. 64GB)
Storage	1 x 2.5" SATA HDD bay
Communication	
Wireless	IEEE 802.11ax 2T2R module (Wi-Fi 6E) with BT v5.2 (M.2 2230 E-key)
I/O Interface	
Ethernet	LAN1: Intel® I226 LM(support Intel AMT) LAN2: Intel® I226V
Audio	AMP 3W + 3W (internal speaker)
Expansion	2 x M.2 2280 M-key (PCIe Gen 4 x4) 1 x M.2 B KEY (PCIe x1 or SATA) for IPMI 1 x M.2 2230 E Key Slot support Vpro (PCIe 3.0 x1 + USB2.0 x1 + CNVI)
Audio Codec	ALC888S
Power	
Power Supply	12V DC
Environment	
Operating Temperature	0°C ~ 50°C (50°C @90RH, ambient with air flow)
Safety & EMC	CE, FCC (Class A), UKCA
Humidity	10% ~ 90% (non-condensing)
Storage Temperature	-20°C ~ 60°C
IP Level	IP 64 compliant front panel
Physical Characteristics	
Color	Black
Mounting	Panel, Wall, Stand and Arm VESA 75 /100mm
Construction Front Panel	PC + ABS Plastic
LCD	
Size	18.5"
Resolution	1920 x 1080 (16:9)
Brightness (cd/m2)	350 cd/m ²
Contrast Ratio	1200 : 1
Viewing Angle (H-V)	170°/170°
Backlight MTBF	50000 hours
Touch	

Touch Screen	PCAP with USB interface (anti-UV/AR coating)
Touch Controller	EXC3160
I/O Interface	
I/O Interface	1 x RS-232 (by DB9)
	1 x RS-232/422/485 (by DB9)
	4 x USB 3.2 Gen1x1 (Type-A (5Gb/s))
	1 x HDMI™ (2.0 (up to 3840*2160 @60Hz))
	2 x LAN (Intel® I226V 2.5GbE controller)
	1 x Reset Button
	1 x AT/ATX switch
	1 x Clear CMOS Button

Ordering Information

AFL3-W19C-ADLP-i7/8G-R11	Wide 18.5" 350cd/m ² 1920x1080 Panel PC with 12th Generation Intel® Core™ i7-1260P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS,R11
AFL3-W19C-ADLP-i5/8G-R11	Wide 18.5" 350cd/m ² 1920x1080 Panel PC with 12th Generation Intel® Core™ i5-1240P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS,R11
AFL3-W19C-ADLP-i3/8G-R11	Wide 18.5" 350cd/m ² 1920x1080 Panel PC with 12th Generation Intel® Core™ i3-1220P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS,R11

Packing List

1 x AFL3-W19C-ADLP	1 x Power Cord
1 x Power Adapter	1 x QIG