AFL3-W15C-ADLP

15.6" 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. 32GB)
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® I225 LM(support Intel AMT)
	LAN2: Intel® I225V
Audio	AMP 3W + 3W (internal speaker)
Expansion	2 x M.2 M Key 2280 (PCIe Gen 3 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 ~ 40°C
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	15.6"
Resolution	1920 x 1080 (16:10)
Brightness (cd/m2)	450 cd/m²
Contrast Ratio	800 : 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 AT/ATX switch
	1 x Clear CMOS Button
	1 x HDMI™ (2.0 (up to 3840*2160 @60Hz))
	2 x LAN (Intel® I225V 2.5GbE controller)
	1 x Reset Button
	1 x RS-232 (by DB9)
	1 x RS-232/422/485 (by DB9)
	4 x USB 3.2 Gen1x1 (Type-A (5Gb/s))
	4 x USB 3.2 Gen1x1 (Type-A (10Gb/s))

Ordering Information

AFL3-W15C-ADLP-i7/8G-R10	Wide 15.6" 450cd/m² 1920x1080 Panel PC with 12th Generation Intel® Core™ i7-1260P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS
AFL3-W15C-ADLP-i5/8G-R10	Wide 15.6" 450cd/m² 1920x1080 Panel PC with 12th Generation Intel® Core™ i5-1240P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS
AFL3-W15C-ADLP-i3/8G-R10	Wide 15.6" 450cd/m² 1920x1080 Panel PC with 12th Generation Intel® Core™ i3-1220P on-board processor, PCAP touch, 2M camera, microphone, 1x8GB DDR4 RAM, with AG, RoHS

Packing List

1 x AFL3-W15C-ADLP	1 x Power Cord
1 x Power Adapter	1 x QIG