

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

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|--------------------------|---|
| 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 | 18.5" |
| Resolution | 1920 x 1080 (16:10) |
| Brightness (cd/m2) | 350 cd/m ² |
| Contrast Ratio | 1200 : 1 |
| Viewing Angle (H-V) | 170°/170° |
| Backlight MTBF | 50000 hours |
| Touch | |

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|------------------|--|
| 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 (10Gb/s)) |
| | 4 x USB 3.2 Gen1x1 (Type-A (5Gb/s)) |

Ordering Information

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|--------------------------|--|
| AFL3-W19C-ADLP-i7/8G-R10 | 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 |
| AFL3-W19C-ADLP-i5/8G-R10 | 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 |
| AFL3-W19C-ADLP-i3/8G-R10 | 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 |

Packing List

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