

AFL4-W12-EHL

12.1" Fanless Panel PC with Intel® Celeron® Processor J6412



Features

- » Intel® Elkhart Lake Platform
- » New narrow bezel design
- » Anti-glare and Anti-UV PCAP
- » Support Gloved and Wet Hand Operation
- » Support WiFi 6E and Bluetooth 5.2

Specifications

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|---------------------------------|--|
| System | |
| CPU | Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz / TDP 10W |
| On-board Memory | on-board dual-channel 8GB LPDDR4x |
| Storage | 1 x M.2 2242 M-key (PCIe Gen3 x1 or SATA) |
| Communication | |
| Wireless | 2T2R Wi-Fi 6E (802.11 a/b/g/n/ac/ax) |
| | Support 2.4/5/6GHz ,Bluetooth v5.2 |
| I/O Interface | |
| Ethernet | 2 x 2.5GbE LAN via Intel® I225V |
| Expansion | 1 x M.2 M-key 2280 (PCIe Gen3 x2) |
| Audio Codec | Realtek ALC 888S |
| Power | |
| Input | 12V DC |
| Environment | |
| Operating Temperature | -10°C ~ 50°C |
| Safety & EMC | CE, FCC Class A |
| Humidity | 10% ~ 95%, non-condensing |
| Storage Temperature | -20°C ~ 60°C |
| Physical Characteristics | |
| Color | Black+Silver |
| Mounting | VESA 75, Wall, Stand and Arm |
| Dimensions (LxWxH) (mm) | 295.72 x 197.80 x 47.40 |
| LCD | |
| Size | 12.1" (16:10) |
| Resolution | 1280 x 800 |
| Brightness (cd/m2) | 500 nits |
| Contrast Ratio | 1200:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.1695 x 0.1695 |

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|-----------------------|---|
| Viewing Angle (H-V) | 170°/170° |
| Backlight MTBF | 50,000 hours |
| Touch | |
| Touch Screen | Multi-point projected capacitive type (anti-UV / anti-glare coating, support gloves) |
| | Surface hardness: 7H |
| Touch Controller | EETI 80 series |
| Other Features | |
| Audio | 1 x AMP 1.2W (internal speaker) |
| I/O Interface | |
| I/O Interface | 1 x AT/ATX switch |
| | 1 x DC Input Jack |
| | 1 x HDMI™ (up to 3840*2160 @30Hz) |
| | 2 x LAN (Intel® I225V 2.5GbE controller) |
| | 1 x Power Switch |
| | 1 x Reset Button |
| | 2 x RS-232 (by DB9) |
| | 2 x RS-232/422/485 (by DB9) |
| | 3 x USB 2.0 |
| | 2 x USB 3.2 Gen2x1 (10Gb/s (Type A)) |
| OS Support | |
| OS Support | Windows 10 IoT |
| | Linux |

Ordering Information

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|------------------------|---|
| AFL4-W12-EHL-J1/8G-R10 | 12.1" 500cd/m ² 1280x800 fanless Panel PC with Intel® Celeron® Processor J6412 on-board Processor ,TDP 10W, 8GB LPDDR4 on-board , 802.11a/b/g/n/ac/ax WiFi&Bluetooth5.2 module, PCAP touch,R10 |
|------------------------|---|

Packing List

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|-------------------|----------------|
| 1 x AFL4-W12-EHL | 1 x Power Cord |
| 1 x Power Adapter | 1 x QIG |