

AFL2-W10A-CV

10.2" AFOLUX GEN2 Flat-bezel Panel PC

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10.4" AFOLUX GEN2 Flat-bezel Panel PC



Launch in Q2

Features

- Flat-bezel LCD with LED backlight
- Intel® Atom™ N2800 dual core 1.86 GHz processor
- One 1066 MHz 204-pin DDR3 SO-DIMM slot (system max. 4GB) pre-installed with 2GB
- Projected capacitive touchscreen and 5-wire resistive type touch screen supported
- Wi-Fi 802.11b/g/n 2T2R high speed wireless
- EM or Mifare RFID reader
- Built-in 2.0M pixel webcam with AF, AE and AWB capabilities
- Built-in two 1.5W speakers and microphone
- IP 64 compliant front panel
- Light fanless technology design



Specifications

| Model | | AFL2-W10A-CV | AFL2-10A-CV |
|--------------------|--|---|---|
| LCD Specifications | Size | Wide 10.2" | 10.4" |
| | Resolution | 1024 (W) x 600 (H) | 800 (W) x 600 (H) |
| | Brightness (cd/m ²) | 400 cd/m ² | 400 cd/m ² |
| | Contrast Ratio | 400:1 | 700:1 |
| | LCD Color | 262K | 262K/16.2M |
| | Pixel Pitch (mm) | 0.2175 (H) x 0.2275 (V) | 0.264 (H) x 0.264 (V) |
| | Viewing Angle (H-V) | 140°(H) / 120°(V) | 160°(H) / 140°(V) |
| | Backlight MTBF | 30000 hrs | 30000 hrs |
| System | CPU | Intel® Atom™ N2800 dual core 1.86 GHz CPU | |
| | Chipset | Intel® NM10 | |
| | RAM | Support One 1066MHz 204-pin DDR3 SO-DIMM slot (max. 4GB) pre-installed with 2GB | |
| | Ethernet | Realtek RTL8111E PCIe GbE controller support ASF2.0 | |
| | HDD | 2.5" SATA 2.0 HDD bay | |
| | Input / Output | 1 × RS-232 COM Port (DB-9) 1 × RS-232 COM Port (RJ-45) 1 × RS-422/485 COM Port (RJ-45) 1 × GbE LAN (RJ-45) 2 × USB 2.0 2 × USB 3.0 1 × Audio jack | 1 × Display port Power switch AT/ATX switch Reset button Clear CMOS button DC input jack |
| | Expansion Interface | 1 x PCIe by 1 & USB 2.0 for Wi-Fi | |
| Other Features | Audio | AMP 1.5 W + 1.5 W | |
| | Camera | 2.0 M pixels with low light function, Igital microphone | |
| | RFID Reader | EM 125 KHz or Mifare 13.56 MHz card reader (optional) | |
| | MSR Card Reader | MSR card reader (optional) | |
| | OSD Function | LCD on/off, brightness up/down, volume up/down, hotkey | |
| | Touch Screen | 5-wire resistive type or projected capacitive type touch screen | |
| Fan | Light fanless | | |
| Wireless | 1 x Wireless LAN 802.11 b/g/n 2T2R module (internal PCIe Mini card interface) 1 x Bluetooth function (internal USB interface, bluetooth V2.1+EDR) | | |
| Physical | Construction Front Panel | ABS + PC plastic front frame | |
| | Mounting | Wall, Rack, Stand and Arm VESA 100 mm x 100 mm | |
| | Color | Black | |
| | Dimensions (mm) | 280 (W) x 198 (H) x 51 (D) CUT OUT: 261 (W) x 177 (H) | 282.5 (W) x 242.7 (H) x 51 (D) CUT OUT: 262 (W) x 205 (H) |
| Environment | Temperature (°C) | Operation: -20°C ~ 50°C, Storage: -20°C ~ 60°C | |
| | IP Level | IP 64 compliant front panel | |
| Power | Power Supply | 65W power adapter, Input: 100VAC~240VAC, 50/60 Hz, Output: 19VDC | |
| | Power Requirement | 9 ~ 36 VDC | |
| | Power Consumption | 19V@1.5A (Intel® Atom™ N2800 CPU with 2GB DDR3 memory) | 19V@1.6A (Intel® Atom™ N2800 CPU with 2GB DDR3 memory) |

Ordering Information

| | Part Number | Description |
|------------------------|----------------------------|---|
| AFL2-W10A-N2800 | AFL2-W10A-N28/PC-EM/2G-R10 | 10.2" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, Projective capacitive touchscreen, 1.3M camera, microphone, 2GB DDR3 RAM, EM card reader, R10 |
| | AFL2-W10A-N28/PC-MF/2G-R10 | 10.2" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, Projective capacitive touchscreen, 1.3M camera, microphone, 2GB DDR3 RAM, Mifare card reader, R10 |
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| | AFL2-W10A-N28/R-EM/2G-R10 | 10.2" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, resistive touch screen, 1.3M camera, microphone, 2GB DDR3 RAM, EM card reader, R10 |
| | AFL2-W10A-N28/R-MF/2G-R10 | 10.2" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, resistive touch screen, 1.3M camera, microphone, 2GB DDR3 RAM, Mifare card reader, R10 |
| | AFL2-W10A-N28/R/2G-R10 | 10.2" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, resistive touch screen, 1.3M camera, microphone, 2GB DDR3 RAM, R10 |
| AFL2-10A-N2800 | AFL2-10A-N28/PC-EM/2G-R10 | 10.4" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, Projective capacitive touchscreen, 1.3M camera, microphone, 2GB DDR3 RAM, EM card reader, R10 |
| | AFL2-10A-N28/PC-MF/2G-R10 | 10.4" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, Projective capacitive touchscreen, 1.3M camera, microphone, Mifare card reader, R10 |
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| | AFL2-10A-N28/R/2G-R10 | 10.4" 400cd/m ² XGA fanless panel PC with Intel® Atom™ cedarview N2800 dual core 1.86GHz, 802.11b/g/n wireless module, resistive touch screen, 1.3M camera, microphone, R10 |

Options

| Item | AFL2-W10A-CV | AFL2-10A-CV |
|-----------------------------|--|-------------|
| Panel Mounting Kit | AFL2PK-W10A | AFL2PK-10A |
| Wall Mounting Kit | AFLWK-12 | |
| Rack Mounting Kit | AFL2RK-W10A | AFL2RK-10A |
| Arm | ARM-11-RS/ARM-31-RS | |
| Stand | STAND-A12/STAND-C12/STAND-100-RS | |
| V-stand | VSTAND-A10/VSTAND-A12 | |
| Hybrid Card Reader | AFL2P-12AMSI-U-R10 | |
| Magnetic Stripe Reader | AFL2P-12AMSR-U-R10 | |
| OS: Win CE 6.0 (CD-ROM) | AFL2-W10A-CV-CE060-R10 | |
| OS: Win XPE (CD-ROM) | AFL2-W10A-CV-XPE-R10 | |
| OS: Linux (CD-ROM) | AFL2-W10A-CV-LNX-R10 | |
| OS: Win 7 Embedded (CD-ROM) | AFL2-W10A-CV-WES7P-R10 AFL2-W10A-CV-WES7E-R10 | |

Packing List

| Item | P/N | Q'ty | Description |
|----------------------|---------------------|------|---|
| Utility CD | | 1 | drivers and user manual |
| One Key Recovery CD | | 1 | |
| Power adapter | 63040-010065-010-RS | 1 | FSP065-RAB, 90VAC~264VAC input, 65W, 19VDC output |
| Power cord | 32702-000200-100-RS | 1 | European standard, 1830mm |
| Power transfer cord | 32702-000300-100-RS | 1 | |
| IR Remote Controller | 7Z000-SLPCB001-RS | 1 | |