

AFL2-15A-H61

Intel® Core™ i7/i5/i3 and Pentium® processor

AFL2-W15B-H61

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AFL2-15A-H61

Features

- Flat-bezel LCD with LED backlight
- Intel® Core™ i5/ i3 and Pentium® processor
- Two 204-pin DDR3 SO-DIMM slot (system max. 16GB) preinstalled with 4GB (2GB x 2)
- Projected capacitive touchscreen and 5-wire resistive type touchscreen supported
- Wi-Fi 802.11b/g/n 2T2R high speed wireless
- EM or Mifare RFID reader
- Built-in 2M pixels webcam with AF, AE and AWB capabilities
- Built-in two 2W speakers and microphone
- IP 64 compliant front panel
- Auto dimming control
- Light fanless technology design
- Type K thermocouple temperature sensor
- Wide range 9~36 VDC input



Specifications

| | Model | AFL2-15A-H61 | AFL2-W15B-H61 | |
|--------------------|---|--|---|-------------------|
| LCD Specifications | Size | 15" (4:3) | W15.6" (16:9) | |
| | Resolution | 1024 (W) x 768 (H) | 1366 (W) x 768 (H) | |
| | Brightness (cd/m ²) | 400 | 300 | |
| | Contrast Ratio | 700:1 | 500:1 | |
| | LCD Color | 262K/16.2M | 16.7M | |
| | Pixel Pitch (mm) | 0.297 (H) x 0.297 (V) | 0.252 (H) x 0.252 (V) | |
| | Viewing Angle (H-V) | 160° / 140° | 170° / 160° | |
| | Backlight MTBF | 50,000 hrs (LED backlight) | 50,000 hrs (LED backlight) | |
| Touch | Touch Screen | 5-wire resistive type with RS-232 interface / projected capacitive type with USB interface | | |
| | Touch Controller | PenMount DMC9000 / EETI EXC7200 & EXC5404 | | |
| System | CPU | 2nd/3rd Generation Intel® Core™ i7/i5/i3 and Pentium® processors | | |
| | Chipset | Intel® H61 | | |
| | RAM | Support two 204-pin DDR3 SO-DIMM slot (max. 16GB) preinstalled with 4GB (2GB x 2) | | |
| | Ethernet | Realtek RTL8111E PCIe GbE controller supporting ASF 2.0 | | |
| | Audio Codec | Realtek ALC892 HD Audio codec | | |
| | Storage | CF Type II socket 2.5" SATA 3Gb/s HDD bay | | |
| | Input / Output | | 2 x RS-232 (DB-9 connector) | 1 x VGA port |
| | | | 1 x GbE LAN (RJ-45 connector) on left side | 1 x HDMI port |
| | | | 1 x RS-422/485 (RJ-45 connector) | 1 x Power switch |
| | | | 3 x USB 2.0 (two on the bottom, one on the left) | 1 x AT/ATX switch |
| | 2 x USB 3.0 | 1 x Reset button | | |
| | 1 x Mini USB port on front panel | 1 x Clear CMOS button | | |
| | 1 x MicroSD card slot on front panel | 1 x 9 ~ 36V DC jack | | |
| | 1 x Line out, MIC on left side | 1 x Type K connector | | |
| Other Features | Audio | AMP 2W + 2W (internal speaker) | | |
| | Camera | 2M pixels with low light function | | |
| | RFID Reader | EM 125 KHz or Mifare 13.56 MHz card reader (optional) | | |
| | MSR Card Reader | MSR card reader (optional) | | |
| | TPM | Reserved by pin-header | | |
| | OSD Function | LCD on/off, brightness up/down, volume up/down, Hot Key | | |
| | Ambient Light Sensor | Yes | | |
| | Infrared Remote Controller | Yes | | |
| Connectivity | System Cooling | Light fanless (smart fan operates above default temperature setting) | | |
| | Wireless | IEEE 802.11b/g/n 2T2R module (WIFI-RT5392-SB-R10) Telec certified | | |
| | Bluetooth | Bluetooth V2.0+EDR with USB interface (optional) | | |
| Physical | Construction Front Panel | PC + ABS Plastic | | |
| | Mounting | Wall, Stand, Arm VESA 100mm x 100mm | Panel, Wall, Rack, Stand, Arm VESA 100mm x 100mm | |
| | Color | Black | | |
| | Dimensions (WxHxD) (mm) | 363.2 x 305.1 x 58.8 | 399.4 x 271.2 x 58.8 | |
| | Weight (N/G) | 5.2 kg / 7.3 kg | 4.5 kg / 6.5 Kg | |
| Environment | Operating Temperature (°C) (Ambient with air flow) | -20°C ~ 50°C | | |
| | Storage Temperature (°C) | -20°C ~ 60°C | | |
| | Humidity | 10% to 95% (non-condensing) | | |
| | IP Level | IP 64 compliant front panel | | |
| | Safety&EMC | CE / FCC | | |
| Power | Power Supply | 90W power adapter Input:100 V AC ~ 240 V AC, 50 / 60Hz, Output: 19 V DC | | |
| | Power Requirement | 9 ~ 36 VDC | | |
| | Power Consumption | 19V@3.42A (Intel® Core™ i3-2100T CPU with 4GB 1333 Mhz DDR3 memory) | 19V@3.95A (Intel® Core™ i3-2120 CPU with 4GB 1333 Mhz DDR3 memory) | |

Options

| Item | AFL2-15A-H61 | AFL2-W15B-H61 |
|----------------------------------|---|---------------------|
| Panel Mounting Kit | N/A | AFL2PK-W15B |
| Wall Mounting Kit | AFLWK-19B | |
| Rack Mounting Kit | N/A | AFL2RK-W15B |
| Arm | ARM-11-RS/ARM-31-RS | |
| Stand | STAND-A21-R10/ STAND-C19-R10/ STAND-210-R11 | |
| Magnetic Stripe Reader | AFL2P-15AMSR-U-R10 | AFL2P-W15BMSR-U-R10 |
| Bluetooth Module Kit | AFL2-BT-KIT01-R11 | |
| Trusted Platform Module (TPM) | TPM-IN01-R11 | |
| EM RFID Reader | AFL2-EM-RFID-KIT01-R10 | |
| Mifare RFID Reader | AFL2-MF-RFID-KIT01-R11 | |
| OS: Win XPE (2GB CF Card) | AFL2CF-15A-H61-XPE-2G-R10 | |
| OS: Win XPE (4GB CF Card) | AFL2CF-15A-H61-XPE-4G-R10 | |
| OS: Win 7 Embedded (4GB CF Card) | AFL2CF-15A-H61-WES7P-4G-R10 (for Projected Capacitive Touch) AFL2CF-15A-H61-WES7E-4G-R10 (for Resistive Touch) | |

Packing List

| Item | P/N | Q'ty | Description |
|------------------------------|---------------------|------|--|
| Utility CD | 7B000-000957-RS | 1 | drivers and user manual |
| One Key Recovery CD | 7B000-000781-RS | 1 | |
| Power Adapter | 63040-010090-020-RS | 1 | FSP090-D2BA1; 90~264VAC input; 90W; 19VDC output |
| Power Cord | 32702-000401-100-RS | 1 | European, 1500mm |
| Power Transfer Cord | 32702-000300-100-RS | 1 | |
| RJ-45 to DB-9 COM Port Cable | 32005-000200-200-RS | 1 | |
| IR Remote Controller | 7Z000-SLPCB005-RS | 1 | |
| M3 Screw Pack | 44013-030041-RS | 4 | M3 x 4 for securing HDD |
| M4 Screw Pack | 44033-040061-RS | 4 | M4 x 4 for VESA screw |
| Temperature Sensor Cable | 32133-004300-100-RS | 1 | |
| Pen | 43125-0002C0-00-RS | 1 | For Resistive Touch |

Ordering Information

AFL2-15A-H61

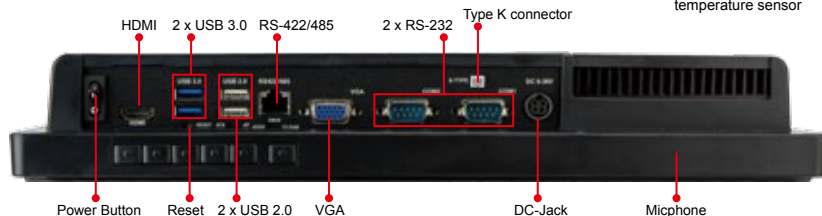
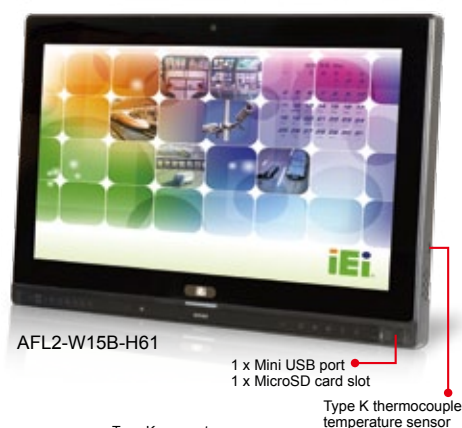
| Part No. | Description |
|----------|---|
| Core i5 | AFL2-15A-H61-i5/R-R12 15" 400cd/m ² XGA panel PC, Core i5 Dual Core 2xxxT CPU (Above 2.7GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, resistive touch screen, 2M camera, microphone, R12 |
| | AFL2-15A-H61-i5/PC-R12 15" 400cd/m ² XGA panel PC, Core i5 Dual Core 2xxxT CPU (Above 2.7GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, projected capacitive touchscreen, 2M camera, microphone, R12 |
| Core i3 | AFL2-15A-H61-i3/R-R12 15" 400cd/m ² XGA panel PC, Core i3 Dual Core 2xxxT CPU (Above 2.5GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, resistive touch screen, 2M camera, microphone, R12 |
| | AFL2-15A-H61-i3/PC-R12 15" 400cd/m ² XGA panel PC, Core i3 Dual Core 2xxxT CPU (Above 2.5GHz), TDP 35W, 4GB DDR3 (2GB x 2) 802.11b/g/n wireless module, projected capacitive touchscreen, 2M camera, microphone, R12 |
| Pentium | AFL2-15A-H61-P/R-R12 15" 400cd/m ² XGA panel PC, Pentium Dual Core G6xxT CPU (Above 2.2GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, resistive touch screen, 2M camera, microphone, R12 |
| | AFL2-15A-H61-P/PC-R12 15" 400cd/m ² XGA panel PC, Pentium Dual Core G6xxT CPU (Above 2.2GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, projected capacitive touchscreen, 2M camera, microphone, R12 |

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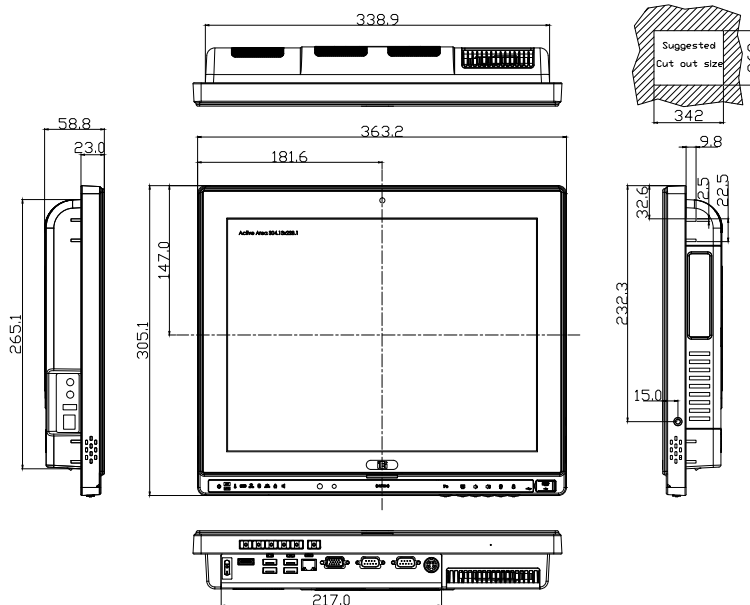
| Part No. | Description |
|----------|---|
| Core i5 | AFL2-W15B-H61-i5/R-R12 15.6" 300cd/m ² HD panel PC, Core i5 Dual Core 2xxxT CPU (Above 2.7GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, resistive touch screen, 2M camera, microphone, R12 |
| | AFL2-W15B-H61-i5/PC-R12 15.6" 300cd/m ² HD panel PC, Core i5 Dual Core 2xxxT CPU (Above 2.7GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, projected capacitive touchscreen, 2M camera, microphone, R12 |
| Core i3 | AFL2-W15B-H61-i3/R-R12 15.6" 300cd/m ² HD panel PC, Core i3 Dual Core 2xxxT CPU (Above 2.5GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, resistive touch screen, 2M camera, microphone, R12 |
| | AFL2-W15B-H61-i3/PC-R12 15.6" 300cd/m ² HD panel PC, Core i3 Dual Core 2xxxT CPU (Above 2.5GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, projected capacitive touchscreen, 2M camera, microphone, R12 |
| Pentium | AFL2-W15B-H61-P/R-R12 15.6" 300cd/m ² HD panel PC, Pentium Dual Core G6xxT CPU (Above 2.2GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, resistive touch screen, 2M camera, microphone, R12 |
| | AFL2-W15B-H61-P/PC-R12 15.6" 300cd/m ² HD panel PC, Pentium Dual Core G6xxT CPU (Above 2.2GHz), TDP 35W, 4GB DDR3 (2GB x 2), 802.11b/g/n wireless module, projected capacitive touchscreen, 2M camera, microphone, R12 |

Function Keys

- Fn
- Backlight On/Off
- Audio -
- Audio +
- Brightness -
- Brightness +
- Fn + RFID enable / disable
- Fn + Audio mute
- Fn + Camera enable / disable
- Fn + Front side Mini USB & MicroSD enable / disable
- Fn + Power on / off



AFL2-15A-H61 Dimensions (Unit: mm)



AFL2-W15B-H61 Dimensions (Unit: mm)

