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

AFL2-17A-H61

***Optional CD-ROM available***

# *Features*

* Programmable colorful LED light bar

* 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
* EM or Mifare RFID reader
* Built-in 2-megapixel webcam with AF, AE and AWB capabilities
* Built-in two 2W speakers and microphone
* IP 64 compliant front panel
* Auto dimming control
* Light fanless design
* Type K thermocouple temperature sensor
* Wide range 9~36 VDC input

# *Specifications*

|  |  |
| --- | --- |
| **Model** | **AFL2-17A-H61** |
| LCD Specifications | Size | 17" (4:3) |
| Resolution | 1280 (W) x 1024 (H) |
| Brightness (cd/m²) | 350 |
| Contrast Ratio | 1000:1 |
| LCD Color | 16.7M |
| Pixel Pitch (mm) | 0.264 (H) x 0.264 (V) |
| Viewing Angle (H-V) | 170° / 160° |
| Backlight MTBF | 50,000 (LED backlight) |
| Touch | Touch Screen | 5-wire rsistive 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 |
| HDD | 2.5" SATA 3Gb/s HDD bay |
| CD-ROM | 1 x Slim Type CD-ROM bay |
| Input / Output | 2 x RS-232 (DB-9 connector)1. x RS-422/485 (DB-9 connector)
2. x GbE LAN (one on the bottom, one on the left) 2 x USB 3.0
3. x USB 2.0 (two on the bottom, one on the left) 1 x Mini USB port on front panel

1 x MicroSD card slot on front panel 1 x Line out (on the left) |
| Expansion Interface | 1 x PCIe Mini slot reserved |
| Other Features | Audio | AMP 2W + 2W (internal speaker) |
| Camera | 2 M 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 |
| LED Light Bar | Yes |
| System Cooling | Light fanless (smart fan operates above default temperature setting) |
| Connectivity | Wireless | IEEE 802.11b/g/n Telec certified |
| Physical | Construction Front Panel | PC + ABS Plastic |
| Mounting | Panel, Wall, Rack, Stand, Arm VESA 100mm x 100mm |
| Color | Black |
| Dimensions (WxHxD)(mm) | 418 x 378 x 65 |
| Weight (N/G) | 6.9 kg / 9.0 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 | 120W power adapter , Input:100 V AC ~ 240 V AC, 50 / 60Hz, Output: 19 V DC |
| Power Requirement | 9 ~ 36 VDC |
| Power Consumption | 19V@5.3A(Intel® Core™ i3-2100T CPU with 4GB 1333 Mhz 4GB DDR3 memory) |

***Display System***

***w w w . i ei w or l d .c om***

***Ordering Information***

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| --- | --- | --- |
| **LED Bar** | **Model** | **Description** |
| **LED Bar** | AFL2-17A-H61-i5/R-R13 | 17" 350cd/m² SXGA 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, R13 |
| AFL2-17A-H61-i5/PC-R13 | 17" 350cd/m² SXGA 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, R13 |
| AFL2-17A-H61-i3/R-R13 | 17" 350cd/m² SXGA 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, R13 |
| AFL2-17A-H61-i3/PC-R13 | 17" 350cd/m² SXGA 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, R13 |
| AFL2-17A-H61-P/R-R13 | 17" 350cd/m² SXGA 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, R13 |
| AFL2-17A-H61-P/PC-R13 | 17" 350cd/m² SXGA 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, R13 |
| **Without LED Bar** | AFL2-17AB-H61-i5/R-R13 | 17" 350cd/m² SXGA 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, without LED bar, R13 |
| AFL2-17AB-H61-i5/PC-R13 | 17" 350cd/m² SXGA 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, without LED bar, R13 |
| AFL2-17AB-H61-i3/R-R13 | 17" 350cd/m² SXGA 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, without LED bar, R13 |
| AFL2-17AB-H61-i3/PC-R13 | 17" 350cd/m² SXGA 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, without LED bar, R13 |
| AFL2-17AB-H61-P/R-R13 | 17" 350cd/m² SXGA 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, without LED bar, R13 |
| AFL2-17AB-H61-P/PC-R13 | 17" 350cd/m² SXGA 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, without LED bar, R13 |

***Options***

|  |  |
| --- | --- |
| **Item** | **AFL2-17A-H61** |
| Panel Mounting Kit | AFL2PK-17A |
| Wall Mounting Kit | AFLWK-19B |
| Rack Mounting Kit | AFL2RK-17A |
| Arm | ARM-31-RS |
| Stand | STAND-A19-RS/STAND-A21-R10/STAND-C19-R10 |
| Magnetic Stripe Reader | AFL2P-W19AMSR-U-R10 |
| Slim DVD Burner | AFL2-DVD-KIT01-R10 |
| Module (TPM) | TPM-IN01-R11 |
| EM RFID Reader | AFL2-EM-RFID-KIT01-R10 |
| Mifare RFID Reader | AFL2-MF-RFID-KIT01-R11 |
| OS: Win 7 Embedded (DVD-ROM) | AFL2-17A-H61-WES7P-R13 (for Projected Capacitive Touch) AFL2-17A-H61-WES7E-R13 (for Resistive Touch) |

***Packing List CD-RW/DVD-RW Driver Spec.***

The drive is able to write CD-R/RW disks, DVD+R/RW disks and DVD-R/RW disks

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **P/N** | **Q'ty** | **Description** |
| Utility CD | 7B000-000956-RS | 1 | drivers and user manual |
| One Key Recovery CD | 7B000-000781-RS | 1 |  |
| Power Adapter | 63040-010120-210-RS | 1 | FSP120-AAB;90~264VAC input ; 120W;19VAC output (Meet PSE) |
| Power Cord | 32702-000401-100-RS | 1 | European, 1500mm |
| Power Transfer Cord | 32000-089400-RS | 1 |  |
| Infrared 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 |
| I/O Bracket | 41013-0290C2-00-RS | 1 | I/O Bracket |
| Temperature Sensor Cable | 32133-004300-100-RS | 1 |  |
| Pen | 43125-0002C0-00-RS | 1 | For Resistive Touch |

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| --- | --- |
| Drive Type | Internal Slim CD-RW/DVD Combo Drive |
|  | Write: | Read:DVD-ROM: 8X CD-ROM: 24X |
| Data Transfer | DVD+R/DVD+RW/DVD-R: 8X |
| Rate | DVD-RW: 6X |
|  | CD-R/CD-RW: 24X |
| Interface | SATA |  |
| Buffer Memory | 2MB |  |

# *Function Keys*



**Fn**

**Backlight On/Off Audio -**

**Audio + Brightness - Brightness +**

**RFID enable / disable Audio mute**

**Camera enable / disable**

**Front side Mini USB&MicroSD enable / disable**

**Power on / off**

2 x USB 2.0 RS-422/485

Power Switch

2 x RS-232

VGA DC Jack

Mic, Line-out

1 x USB 2.0

1 x GbE LAN

Type K thermocouple

temperature sensor

Hot Keys 2 x USB 3.0 HDMI GbE LAN

***AFL2-17A-H61 Dimensions***

***(Unit: mm)***