

AFL2-15A-H61

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

AFL2-W15B-H61

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



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 wireless
- 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 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 GbE LAN (RJ-45 connector) on left side 1 x RS-422/485 (RJ-45 connector) 3 x USB 2.0 (two on the bottom, one on the left) 2 x USB 3.0 1 x Mini USB port on front panel 1 x MicroSD card slot on front panel 1 x Line out, MIC on left side	1 x VGA port 1 x HDMI port 1 x Power switch 1 x AT/ATX switch 1 x Reset button 1 x Clear CMOS button 1 x 9 ~ 36V DC jack 1 x Type K connector
Other Features	Audio	AMP 2W + 2W (internal speaker)		
	Camera	2-megapixel 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		
System Cooling	Light fanless (smart fan operates above default temperature setting)			
Connectivity	Wireless	IEEE 802.11b/g/n		
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)	

Ordering Information

● AFL2-15A-H61

Part No.	Description
Core i5	AFL2-15A-H61-i5/R-R13 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, R13
	AFL2-15A-H61-i5/PC-R13 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, R13
Core i3	AFL2-15A-H61-i3/R-R13 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, R13
	AFL2-15A-H61-i3/PC-R13 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, R13
Pentium	AFL2-15A-H61-P/R-R13 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, R13
	AFL2-15A-H61-P/PC-R13 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, R13

● AFL2-W15B-H61

Part No.	Description
Core i5	AFL2-W15B-H61-i5/R-R13 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, R13
	AFL2-W15B-H61-i5/PC-R13 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, R13
Core i3	AFL2-W15B-H61-i3/R-R13 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, R13
	AFL2-W15B-H61-i3/PC-R13 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, R13
Pentium	AFL2-W15B-H61-P/R-R13 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, R13
	AFL2-W15B-H61-P/PC-R13 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, R13

Options

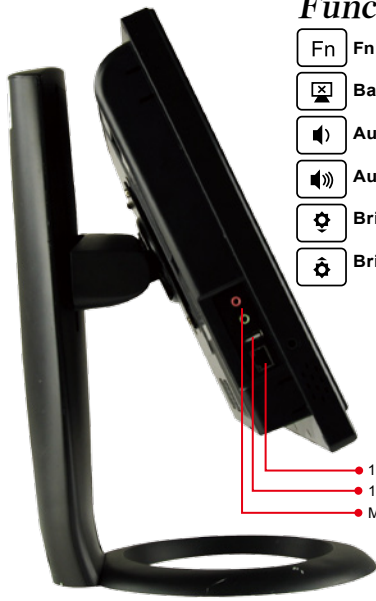
Item	AFL2-15A-H61	AFL2-W15B-H61
Panel Mounting Kit	N/A	AFL2PK-W15B
Wall Mounting Kit	AFLWK-19B	
Rack Mounting Kit	N/A	AFL2RK-W15B
Arm	ARM-11-RS/ARM-31-RS	
Stand	STAND-A21-R10/ STAND-C19-R10/ STAND-210-R11	
Magnetic Stripe Reader	AFL2P-15AMSR-U-R10	AFL2P-W15BMSR-U-R10
Trusted Platform Module (TPM)	TPM-IN01-R11	
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-R13	
OS: Win XPE (4GB CF Card)	AFL2CF-15A-H61-XPE-4G-R13	
OS: Win 7 Embedded (4GB CF Card)	AFL2CF-15A-H61-WES7P-4G-R13 (for Projected Capacitive Touch) AFL2CF-15A-H61-WES7E-4G-R13 (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	63040-010090-101-RS	1	FSP090-DIEBN2; 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

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



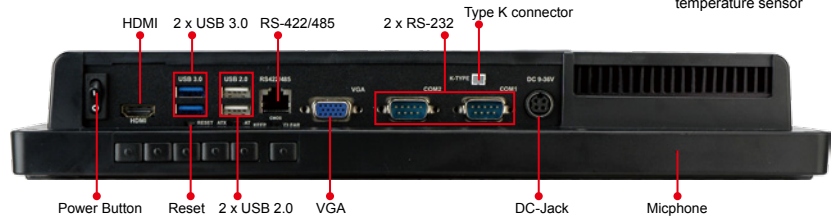
- 1 x GbE LAN
- 1 x USB 2.0
- Mic, Line-out



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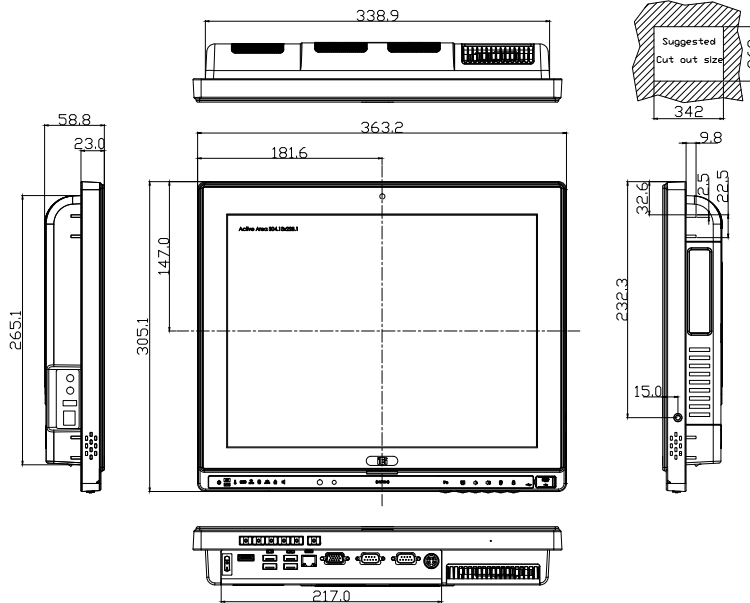
- 1 x Mini USB port
- 1 x MicroSD card slot

Type K thermocouple temperature sensor



- HDMI
- 2 x USB 3.0
- RS-422/485
- 2 x RS-232
- Type K connector
- DC 9-30V
- Power Button
- Reset
- 2 x USB 2.0
- VGA
- DC-Jack
- Microphone

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



AFL2-W15B-H61
Dimensions
(Unit: mm)

