

Panel PC - HMI



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/m ²)	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°	
Touch	Backlight MTBF	50,000 (LED backlight)	
	Touch Screen	5-wire resistive type with RS-232 interface / projected capacitive type with USB interface	
System	Touch Controller	PenMount DMC9000 / EETI EXC7200 & EXC5404	
	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)	

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Ordering Information

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
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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

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

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

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

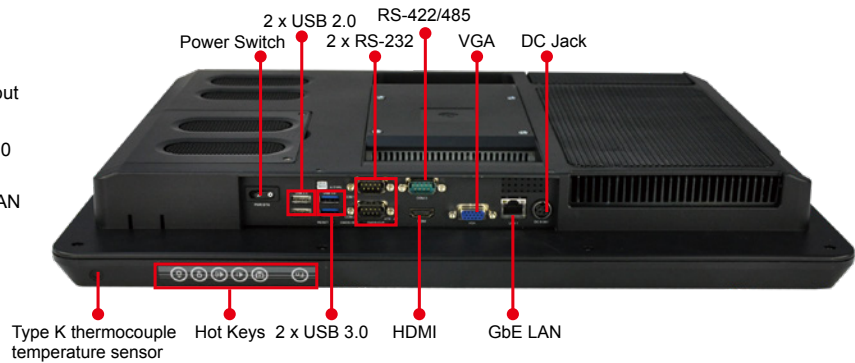
AFL2-17A-H61

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Function Keys

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



AFL2-17A-H61 Dimensions

(Unit: mm)

