

AFL2-W21A-H61

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

IEI designed a completely new model for its new AFOLUX GEN II Panel PCs. AFL2-W21A-H61 with exclusive LED light bar function combining

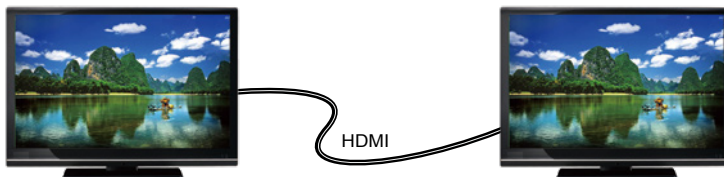
Features

- Two 204-pin DDR3 SO-DIMM slot (system max. 16GB) pre-installed with 4GB (2GB x 2)
- Projected capacitive touchscreen supported
- Wi-Fi 802.11b/g/n high speed wireless
- EM or Mifare RFID reader
- Programmable colorful LED light bar
- Built-in two 3W speakers and microphone
- Auto dimming control
- Light fanless design
- Wide range 9~36 VDC input



Full HD Second Display Through HDMI Interface

Full-HD 1080p (1920x1080) reacts the resolution of panel, which is a set of high-definition video modes with 1920 of horizontal resolution and 1080 of vertical resolution. Widescreen aspect ratio of 16:9 supports perfect display sight, with brighter digital display.



1920 lines of horizontal resolution supporting a 16:9 ratio to perform perfect display sight.

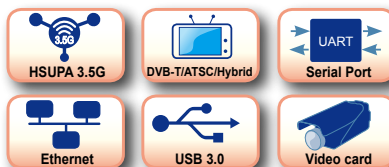
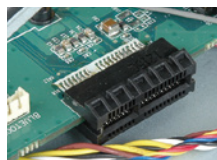
IEI Customized Expansion

Standard Connector Type Easy to Design Expansion Module

The AFL2-W21A-H61 can customize the expansion board depending on user's necessary. Customer can choose digital TV, 3G, video capturing... and so on.

Features

- Reliable board to board connection
- IEI provides ODM service which customize boards of user's demand.



Use one system in different markets!

Digital TV



Kiosk System

3G/3.75G



Mobile Broadcasting System

4-Port Video Capture



Surveillance System

Specifications

Model		AFL2-W21A-H61	
LCD Specifications	LCD Display	W21.5" (16:9)	
	Max Resolution	1920 (W) x 1080 (H)	
	Brightness (cd/m²)	250	
	Contrast Ratio	1000 : 1	
	LCD Color	16.7M	
	Pixel Pitch (mm)	0.248 mm x 0.248 mm	
	Viewing Angle (H-V)	170° / 160°	
	Backlight MTBF (Hrs)	30000 (LED backlight)	
Touch	Touch Screen	projected capacitive type with USB interface	
	Touch Controller	EETI EXC7200 & EXC5404	
System	CPU	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)	
	Storage	1 x 2.5" SATA 3Gb/s HDD Bay	
	Optical Drive	1 x Slim Type DVD-ROM bay	
	Ethernet	Realtek RTL8111E PCIe GbE controller supporting ASF 2.0	
	Audio Codec	Realtek ALC892 HD Audio codec	
	Audio	Amplifier 3W + 3W	
	Webcam & Microphone	2-megapixel camera with low light function Digital Microphone	
	I/O Ports	2 x RS232 (DB9 Connector)	
		1 x RS422/485 COM Port (DB9 connector)	
		2 x GbE LAN (RJ-45 connector)	
		3 x USB 2.0	
		2 x USB 3.0	
		1 x HDMI	
		1 x VGA port (DB-15 Connector)	
		1 x Power switch	
		1 x Reset button	
		1 x AT/ATX switch	
		1 x Clear CMOS button	
		1 x Type K	
		1 x 9~36V DC jack	
		1 x Line out	
		1 x Mic	
	Expansion Interface	1 x PCIe Mini for Wi-Fi Module 1 x PCIe Mini reserved	
	Cooling System	Light Fanless	
Other Features		EM and Mifare RFID	Optional: EM 125 KHz or Mifare 13.56 MHz card reader
		LED Light Bar	Programmable R/G/B colorful LED light bar (SMBus Control)
		Function Key	6 x function keys: Key1 Backlight On/Off Key2 Audio - Key3 Audio + Key4 Brightness - Key5 Brightness+ Key6 Fn Combinations: Fn+Key1 RFID Enable/Disable Fn+Key2 Audio Mute Fn+Key3 Camera Enable/Disable Fn+Key5 Power ON/OFF
		Infrared	IR receiver 38KHz
		Light Sensor	Ambient light sensor for panel brightness adjustment
		TPM	Reserved by pin-header
		OS Support	Windows Embedded Standard 7 Windows XP Embedded,
		Connectivity	Wireless IEEE 802.11b/g/n module Telec certified
Physical		Construction Material	PC + ABS plastic for front cover and rear cover
		Mounting	Wall, Stand and VESA 100 mm x 100mm
		Enclosure Color	Sliver + Black
		Dimension (mm)	546.85 (W) x 345.82 (H) x 70.35 (D)
		Weight (Net/Gross)	8.27 Kg / 11.27 Kg
		Operating Temperature (with air flow)	-10°C ~ 50°C
		Storage Temperature	-20°C ~ 60°C
		Humidity	10% to 90% (non-condensing)
Environment		IP Level	IP 64 compliant front panel
		Safety and EMC	CE & FCC
		Power Adapter	120W power adapter Input: 100 V AC ~ 240 V AC, 50 / 60Hz, Output: 19 V DC
		Power Input	9 ~ 36V DC-IN
		Power Consumption	19V@3.82A (Intel® Core™ i3-2120T processor with 4GB DDR3 memory)

Ordering Information

LED Bar	Model	Description
LED Bar	AFL2-W21A-H61-i5/PC-R11	21.5" 250cd/m² FHD 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, R11
	AFL2-W21A-H61-i3/PC-R11	21.5" 250cd/m² FHD 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, R11
	AFL2-W21A-H61-P/PC-R11	21.5" 250cd/m² FHD 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, R11
Without LED Bar	AFL2-W21AB-H61-i5/PC-R11	21.5" 250cd/m² FHD 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, R11
	AFL2-W21AB-H61-i3/PC-R11	21.5" 250cd/m² FHD 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, R11
	AFL2-W21AB-H61-P/PC-R11	21.5" 250cd/m² FHD 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, R11

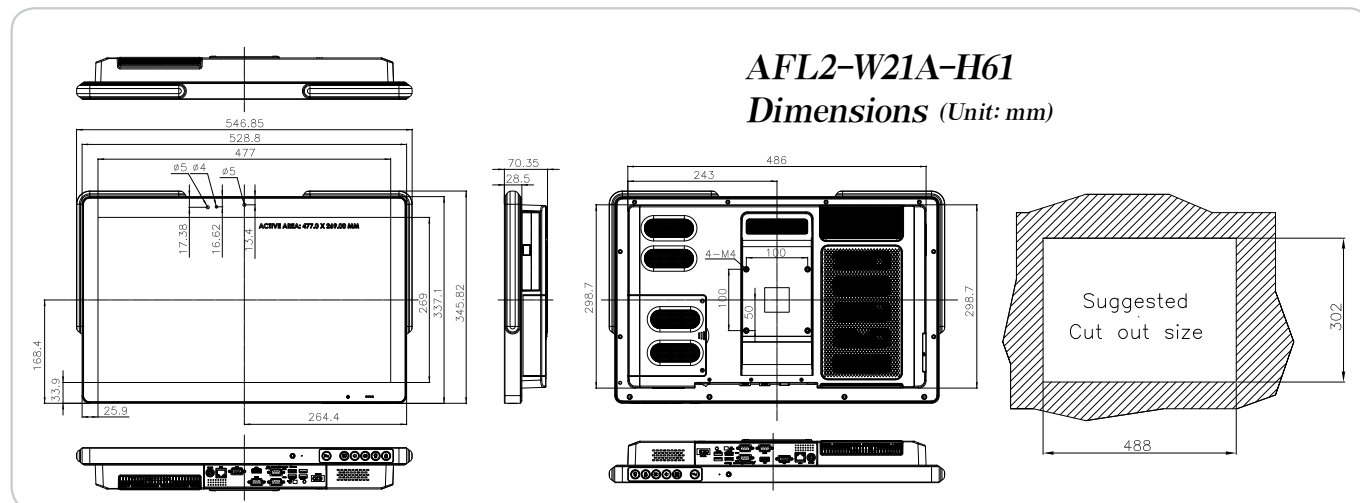
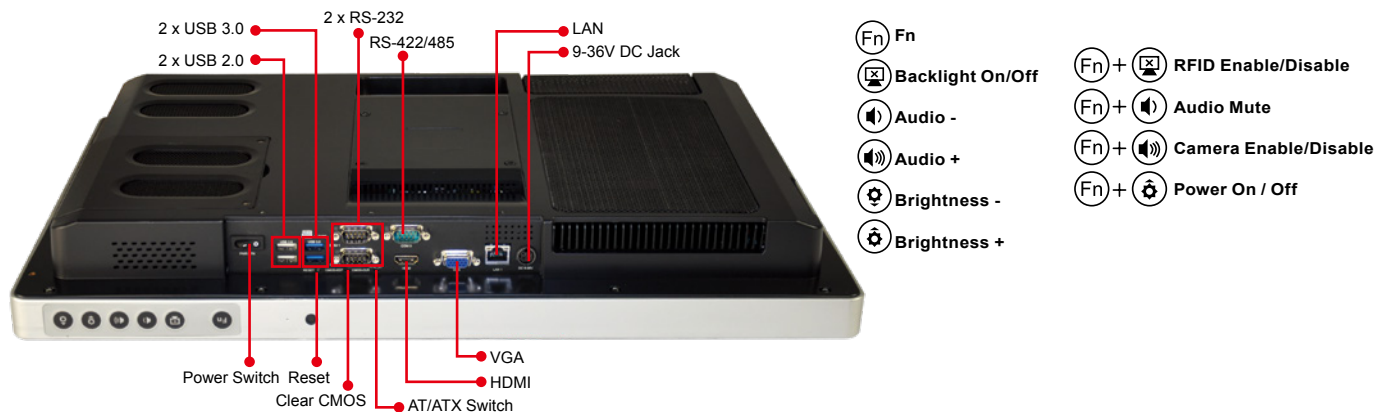
Options

Item	AFL2-W21A-H61
Panel Mount Kit	AFL2PK-W21A
Wall Mounting Kit	AFLWK-19B
Stand	STAND-A21-R10
ARM	ARM-31-RS
Slim DVD Burner Installation Kit (Including SATA Cable)	AFL2-DVD-KIT01-R10
Magnetic Stripe Reader	AFL2P-W21AMSR-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: Windows® XP Embedded (CD-ROM)	AFL2-W21-H61-XPE-R11
OS: Windows® Embedded Standard 7 (DVD-ROM)	AFL2-W21-H61-WES7P-R11
Temperature Sensor Cable	32133-004300-100-RS

Packing List

Item	P/N	Q'ty	Description
Utility CD	7B000-000952-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

Fully Integrated I/O



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