

15" XGA AFOLUX Panel PC

AFL-15B(E)-915

Intel® Pentium® M 2GHz (max.)

AFL-15C(E)-9652

Intel® Core™2 Duo T7500 2.2GHz processor (max.)

AFL-15I(E)-HM55

Intel® Core i7-620M 2.66GHz Processor (max.)

**NEW Features in HM55 Platform :**

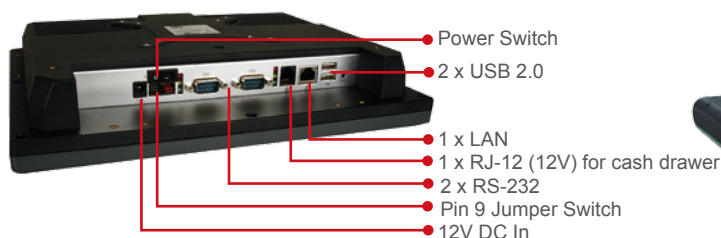
- Powered by high performance 2.66 GHz Intel® Core i7-620M CPU with Intel® HM55 chipset
- DDR3 1066MHz system memory up to 4GB
- HDMI port/DisplayPort delivers the high image quality on the second display
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Suggest over 4GB storage capacity)

**Specifications**

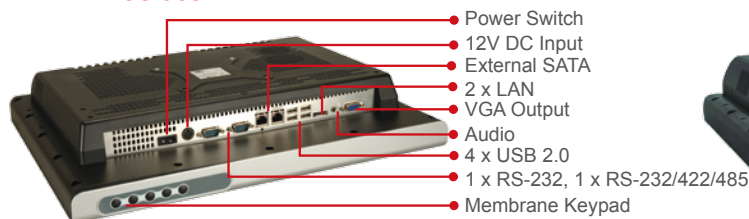
Model	AFL-15B(E)-915-R20		AFL-15C(E)-9652-R20	AFL-15C(E)-HM55-R10	
LCD Size	15"				
Max Resolution	1024 x 768				
Brightness (cd/m²)	350 or 250				
Contrast Ratio	700:1 or 600:1				
LCD Color	262K or 16.7M				
Pixel Pitch (mm)	0.297(H) x 0.297(V)				
Viewing Angle (H-V)	140°/125° or 160°/160°				
Backlight MTBF	50000 hrs or 40000 hrs				
SBC Model	AFLMB-9152-R11		AFLMB-9652-R10	AFLMB2-HM55-R10	
CPU	Intel® Pentium M process (up to 2.0GHz) processor CPU Intel® Celeron M process CPU		Intel® Celeron M550 2.0GHz CPU Intel® Core 2 Duo T7500 2.2GHz CPU	Socket G (PGA989) Intel® Arrandale processor	
Chipset	Intel® 915 GME		Intel® GME965	Intel® HM55	
RAM	Supports two 400MHz or 533MHz DDRII SO-DIMM(2GB Max.)		Supports two 400MHz DDRII SO-DIMM(4GB Max.)	Two 204-pin 800/1066 DDR3 dual-channel SODIMMs supported (system max. 4GB)	
I/O Ports	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port (line-out) 1 x VGA Port 1 x Power Jack		1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port (line-out) 1 x VGA Port 1 x Power Jack	1 x RS-232 COM Port 1 x RS-232/422/485 COM Port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x Audio Port (Line-Out) 1 x VGA 1 x Power Jack 1 x HDMI Port	
SSD	CF Typell				
Watchdog Timer	Software programmable supports 1~255 sec. System reset				
Audio	AMP 3W + 3W (internal speaker)				
Expansion	1 x Wireless Lan 802.11 b/g Module (internal Mini PCIe interface) 1 x Bluetooth Function (internal USB interface, Bluetooth V2.0)			1 x Wireless Lan 802.11 b / g / n Module (internal PCIe Mini card interface) 1 x Bluetooth Function (internal USB interface, Bluetooth V2.1+EDR)	
Drive Bay	1 x 2.5" SATA HDD bay or 1 x HSUPA Mobile Module (USB Interface)				
Optional HSUPA Module (support GSM 850, EGSM 900, DCS 1800 & 1900)					
Construction Front Panel	ABS + PC Plastic front frame				
Membrane Keypad	N/A	LCD On/Off, Brightness Up/Down, Volume High/Low (5 keys)			
LED Function	1 x Power ON/OFF LED on Front Panel				
Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm				
Front Panel Color	Sliver (877U) & Gray (ABSA2037)				
Dimension (WxHxD) (mm)	394 x 309 x 75			394 x 309 x 75	394 x 309 x 75
Operation Temperature (°C)	0°C~45°C with CF card or SATA interface 2.5" SSD HDD 0°C~40°C with SATA 2.5" HDD			0°C~45°C with CF card or SATA interface 2.5" SSD HDD 0°C~40°C with SATA 2.5" HDD	
Storage Temperayure (°C)	-20°C ~ 60°C				
N/G Weight	5.8 Kg				
IP Level	Front Frame IP64				
Safety & EMC	CE / FCC / CB / CCC				
Touch Screen	Resistive Type 5-Wire (Touch controller IC is on board) or Capacitive type touch screen without HDD bay				
Power Adapter	P/N: 63000-FSP084DMBA1308-RS 84W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC		P/N: 63000-FSP096AHB-RS 96W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC		
Power Requirement	12VDC				
Power Consumption	63W	69W (Intel® T7500, 2GB memory, 80G HDD)		85W	

Fully Integrated I/O

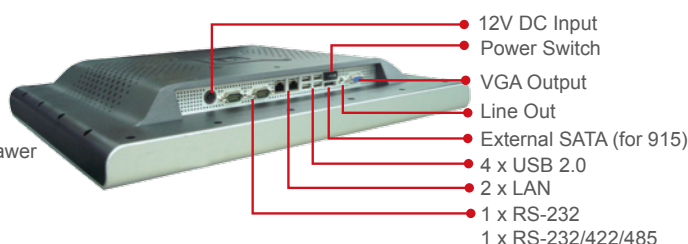
• AFL-15A-LXPOS



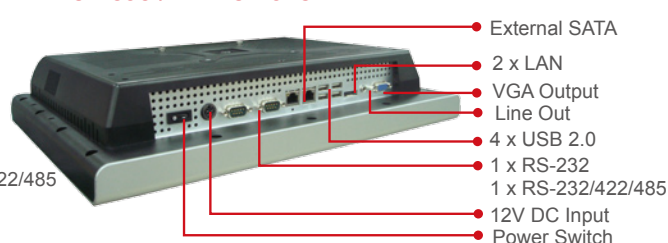
• AFL-15C-9652



• AFL-15A-915 / AFL-15A-N270



• AFL-15B-690 /AFL-15B-915



Ordering Information

• High Luminance (350 cd/m²)

Part Number	Description
AFL-15A-N270/R**(H)/1G-R20	15" 350cd/m ² XGA fanless panel PC with Intel® Atom™ N270 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15A-LXPOS/WT-R/256MB-R20	<i>POS Panel PC!</i> 15" 350cd/m ² XGA fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, and touch screen, without STAND, R20
AFL-15A-915-10G/R/1G-R20	15" 350cd/m ² XGA fanless panel PC W/ Celeron M 1.0GHz 512K cache CPU, DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15B-915-PM16/R**(H)/1G-R20	15" 350cd/m ² XGA panel PC w/ Pentium® M 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15B-915-CM37/R**(H)/1G-R20	15" 350cd/m ² XGA panel PC w/ Celeron® M 1.5GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15C-965-CM5/R**(H)/1G-R20	15" 350cd/m ² XGA panel PC with Celeron® M 550 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-15C-965-T75/R**(H)/2G-R20	15" 350cd/m ² XGA panel PC with Core™2 Dou T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15C-HM5515/R**(H)/2G-R10	15" 350cd/m ² XGA panel PC with Intel® Core™ i5-520M 2.4G CPU, 2GB DDR3 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R10, RoHS
AFL-15C-HM5517/R**(H)/2G-R10	15" 350cd/m ² XGA panel PC with Intel® Core™ i7-620M 2.66G CPU, 2GB DDR3 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R10, RoHS

• Regular Luminance (250 cd/m²)

Part Number	Description
AFL-15AE-N270/R**(H)/1G-R20	15" 250cd/m ² XGA fanless panel PC with Intel® Atom™ N270 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15AE-LXPOS/R/256-R20	15" 250cd/m ² XGA fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, and touch screen, without STAND, R20
AFL-15AE-915-10G/R/1G-R20	15" 250cd/m ² XGA fanless panel PC W/ Celeron M 1.0GHz 512K cache CPU, DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15BE-915-PM16/R**(H)/1G-R20	15" 250cd/m ² XGA panel PC w/ Pentium® M 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15BE-915-CM37/R**(H)/1G-R20	15" 250cd/m ² XGA panel PC w/ Celeron® M 1.5GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15CE-965-CM5/R**(H)/1G-R20	15" 250cd/m ² XGA panel PC with Celeron® M 550 2.0GHz CPU, 1GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15CE-965-T75/R**(H)/2G-R20	15" 250cd/m ² XGA panel PC with Core™2 Dou T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R20, RoHS
AFL-15IE-HM5515/R**(H)/2G-R10	15" 250cd/m ² XGA panel PC with Intel® Core™ i5-520M 2.4G CPU, 2GB DDR3 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R10, RoHS
AFL-15IE-HM5517/R**(H)/2G-R10	15" 250cd/m ² XGA panel PC with Intel® Core™ i7-620M 2.66G CPU, 2GB DDR3 RAM, 802.11 b/g/n wireless module, touch screen, Bluetooth, R10, RoHS

Note 1: WiFi 802.11 draft N is upgradable.

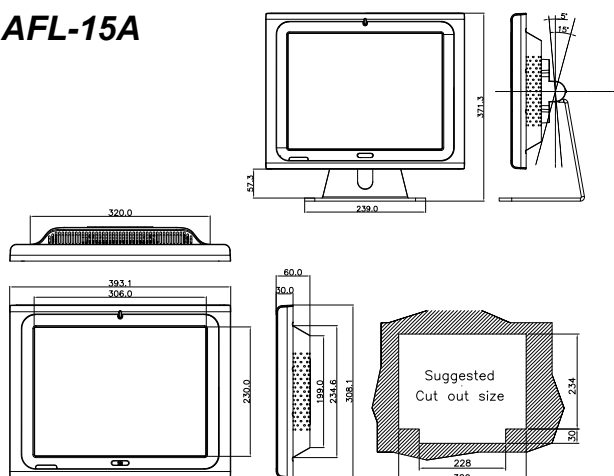
Note 2: AFL-15D(E)-N270 make to project base order

ISMM Support Functions

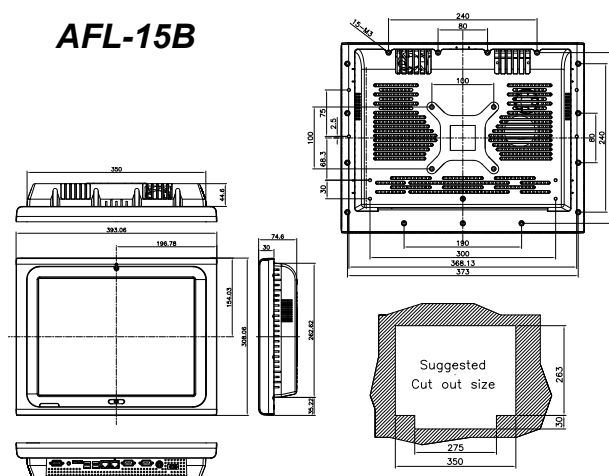
	Voltage	Fan	Smart Fan	Temperature	WDT	Cash Drawer
AFL-15C(E)-HM55	V	V	V	V	V	
AFL-15A(B)-915	V	V	V	V	V	
AFL-15C(E)-9652	V	V	V	V	V	
AFL-15A(E)-LXPOS	V			V	V	V
AFL-15A(E)-N270	V			V	V	

Dimensions (Unit: mm)

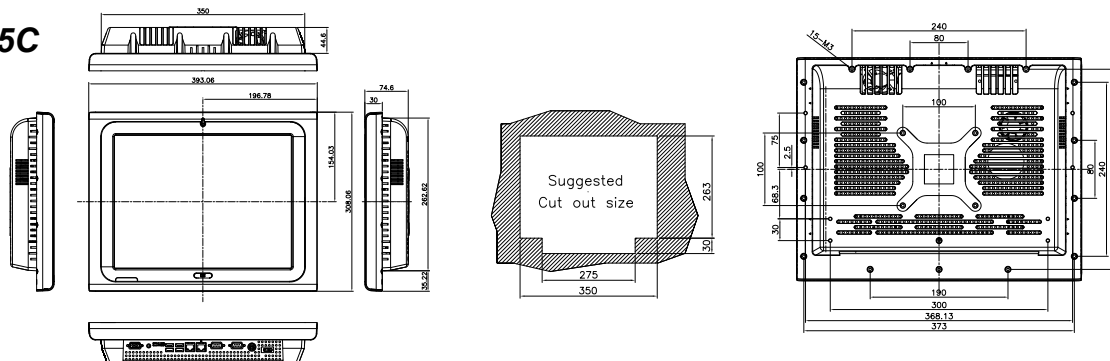
AFL-15A



AFL-15B



AFL-15C



Packing List

Item	Part Number	Q'ty	Specification
Screws Pack	44013-030041-RS	4	M3.5mm
Power Adapter	63000-FSP0601AD101C-RS 63000-FSP084DMBA1308-RS 63000-FSP096AHB-RS 63000-FSP060DBAB1554-RS	1	90~264V AC; 12V DC; 60W (15A(E)-LXPOS) 90~264V AC; 12V DC; 84W (15B-915) 90~264V AC; 12V DC; 96W (15C-9652) 90~264V AC; 12V DC; 60W (15A-915, 15A-N270)
Power Cord	32000-000002-RS	1	1750mm; European Standard
Utilities CD	7B000-000087-RS	1	
Touch Pen	XTR104-0002-RS	1	

Options

Model	AFL-15A(E)-LXPOS	AFL-15A(E)-N270	AFL-15A(E)-915	AFL-15B(E)-915	AFL-15C(E)-9652	AFL-15C(E)-HM55
Panel mounting kit	AFLPK-15			AFLPK-15B		
Wall mounting kit	AFLWK-19					
Rack mounting kit	AFLRK-15			AFLRK-15B		
ARM	ARM-11-RS / ARM-31-RS					
Stand	STAND-A19 / STAND-B19 / STAND-POS15 / STAND-210-R11					
OS: Win CE 5.0 (128 MB CF card)	AFLCF-15-LXPOS-CE	N/A	AFLCF-15-915-CE-R11		N/A	
OS: Win CE 6.0 (128 MB CF card)	AFLCF-15-LXPOS-CE060	AFLCF-15-N270-CE060-R10	AFLCF-15-915-CE060-R11		N/A	
OS: Win XPE (1 GB CF card)	AFLCF-15-LXPOS-XPE	AFLCF-15-N270-XPE-R10	AFLCF-15-915-XPE-R11		AFLCF-15-9652-XPE	AFLCF-15-HM55-XPE-R10
OS: LINUX (2 GB CF card)	AFLCF-15-LXPOS-LNX-R10	AFLCF-15-N270-LNX-R10	AFLCF-15-915-LNX-R10		AFLCF-15-9652-LNX-R10	AFLCF-15-HM55-LNX-R10
Hybrid Card Reader	AFLP-17AMSI-U					
Magnetic Stripe Reader	AFLP-17AMSR-U					
DC 12V Input UPS	AUPS-B10-R10 (14.8V 3800mAh)					
DC 9~36V Input UPS	AUPS-B20-R10 (14.8V 3800mAh)					

1
IEI Mobile
Solution2
Automation
Panel
Solutions3
Digital
Signage4
Video Wall
Controller/
Splitter5
RISC-
based
Solutions6
PACsmate
Medical7
Optional
Peripherals