

Wide 10.2" WSVGA AFOLUX PPC

# AFL-W10A-N270

Intel® Atom™ N270 1.6G Processor

1  
Automation  
Panel  
Solutions

2  
All-in-One  
Touch POS

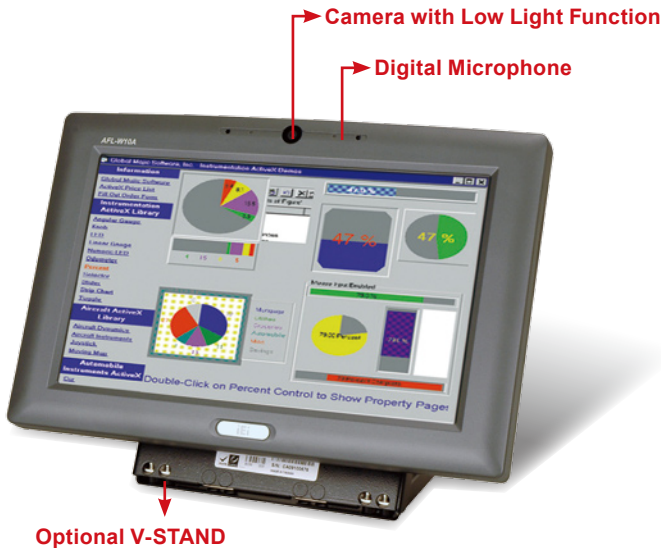
3  
Digital  
Signage

4  
Video Wall  
Controller

5  
RISC-  
based  
Solutions

6  
PACsmate  
Medical

7  
Optional  
Peripherals



**New  
Wide Screen**

## Features



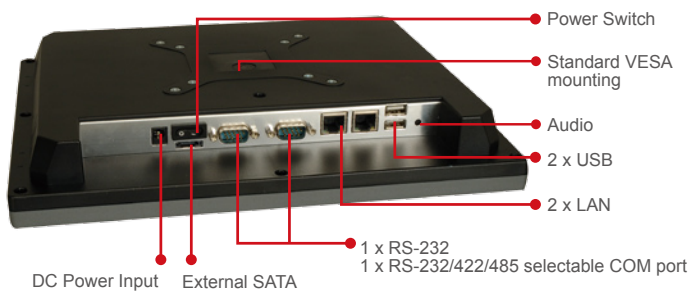
- Wide 10.2" TFT LCD with resistive touch screen
- Fanless cooling system
- Built-in 300K pixel camera with digital microphone module
- Selectable AT/ATX power mode through the switch on the chassis inside
- System memory up to 2 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- One compact flash slot
- IP 64 compliant front panel
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Suggest over 4GB storage capacity)



## Specifications

Model	AFL-W10A-N270
LCD Size	10.2"
Max Resolution	1024 x 600
Brightness (cd/m <sup>2</sup> )	400
Contrast Ratio	400: 1
LCD Color	262K
Pixel Pitch (mm)	0.2175 mm (H) x 0.2175 mm (V)
Viewing Angle (H-V)	140° / 110°
Backlight MTBF	40000 hrs
SBC Model	AFLMB-945GSE-N270-R10
CPU	Intel® Atom™ process N270 1.6GHz CPU
Chipset	Intel® 945GSE + ICH7M
RAM	Supports one 400 MHz or 533MHz DDRII SO-DIMM (2GB Max.)
I/O Ports	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 2 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x External SATA 1 x Audio Port 1 x Power Jack
SSD	CF Typell
Watchdog Timer	Software programmable supports 1~255 sec. System reset
Audio	AMP 1.5W + 1.5W (internal speaker)
Camera Module	300K pixel with digital microphone
Expansion	1 x Wireless Lan 802.11 b/g Module (internal PCIe mini card interface) 1 x Bluetooth Function (internal USB interface, Bluetooth V2.0)
Construction Front Panel	ABS + PC Plastic front frame
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	Gray 7539U
Dimension (WxHxD) (mm)	280 x 186 x 49
Operation Temperature (°C)	-10°C ~50°C
Storage Temperature (°C)	-20°C ~ 60°C
N/G Weight	1.4 Kg
IP Level	Front Frame IP64
Safety & EMC	CE / FCC / CB / CCC
Touch Screen	Resistive Type 5-Wire (Touch controller IC is on board)
Power Adapter	P/N: 63000-FSP0481AD101C-RS 50W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC
Power Requirement	12VDC
Power Consumption	28W

### Fully Integrated I/O



### Building Automation/Access Control System



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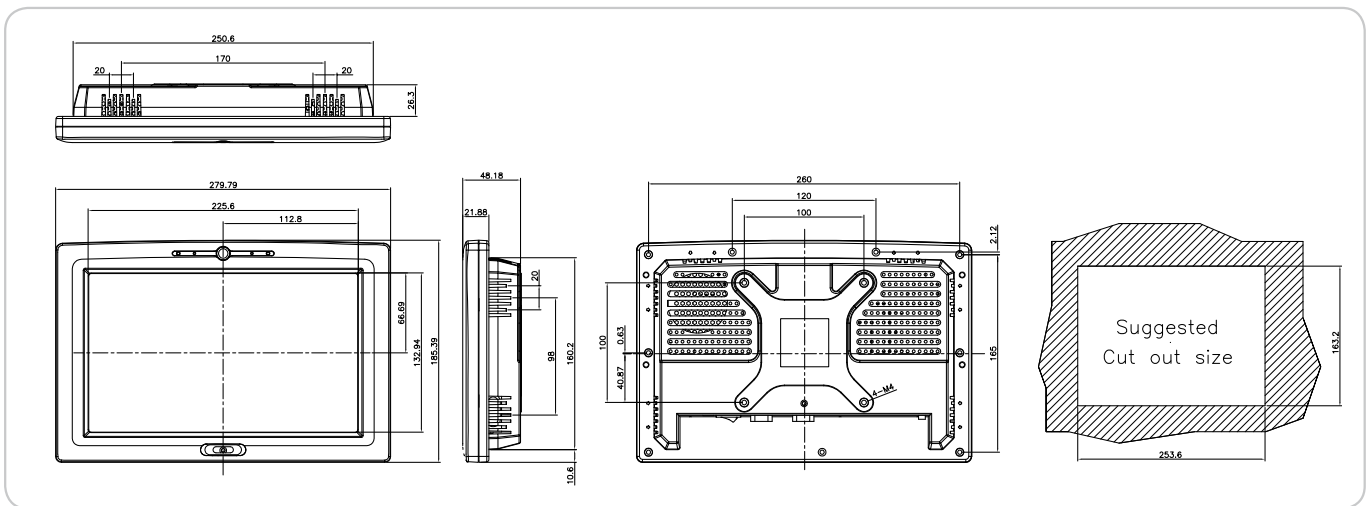
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### Dimensions (Unit: mm)



### Ordering Information

Part Number	Description
AFL-W10A-N270-WT-R/1GB-R10	10.2" 400 cd/m <sup>2</sup> , WSVGA fanless panel PC with Intel® Atom™ N270 1.6GHz, 802.11b/g wireless module, bluetooth module, touch screen, 300K pixel camera with digital microphone, 1GB DDR2 533,RoHS

Note: WiFi 802.11 draft N is upgradable.

### Options

<b>Model</b>	<b>AFL-W10A-N270</b>
<b>Panel mounting kit</b>	AFLPK-12
<b>Wall mounting kit</b>	AFLWK-12
<b>Rack mounting kit</b>	AFLRK-W10
<b>ARM</b>	ARM-11-RS / ARM-31-RS
<b>Stand</b>	STAND-A12 / STAND-100-RS
<b>VSTAND</b>	VSTAND-A10
<b>9~30VDC to 12VDC converter module</b>	IDD-930160-KIT
<b>OS</b>	Win CE 6.0 (128 MB CF card)
	Win XPE (1 GB CF card)
	LINUX (2 GB CF card)
<b>Hybrid Card Reader</b>	AFLP-10AMSI-U
<b>Magnetic Stripe Reader</b>	AFLP-10AMSR-U
<b>DC 12V Input UPS</b>	AUPS-A10-R10 (7.4V 3800MAH)
<b>DC 9~36V Input UPS</b>	AUPS-A20-R10 (7.4V 3800MAH)

Note: Win CE application without digital microphone function

### ISMM Support Functions

	Voltage	Fan	Smart Fan	Temperature	DIO	WDT	Beep	Cash Drawer
AFL-W10A-N270	V			V		V		

### Packing List

Item	Part Number	Q'ty	Specification
<b>Screws Pack</b>	44013-030041-RS	4	M3; 5mm
<b>Power Adpater</b>	63000-FSP0481AD101C-RS	1	90~264V AC; 12V DC; 50W
<b>Power Cord</b>	32000-000002-RS	1	1750mm; European Standard (EU or US, Which type of cord is shipped depends on the shipment country)
<b>Utilities CD</b>	7B000-000087-RS	1	
<b>Touch Pen</b>	XTR104-0002-RS	1	