

AFL-W10A-N270

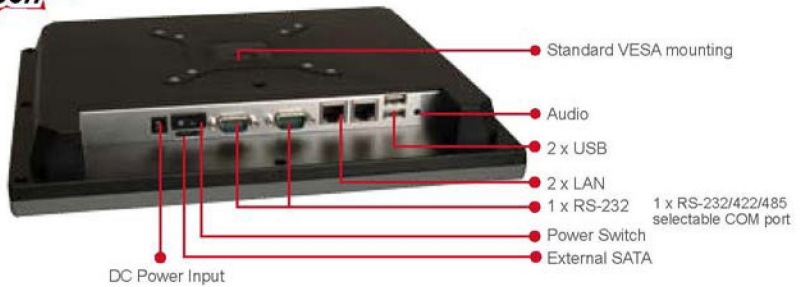
Intel® Atom™ N270 1.6G Processor



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

Fully Integrated I/O

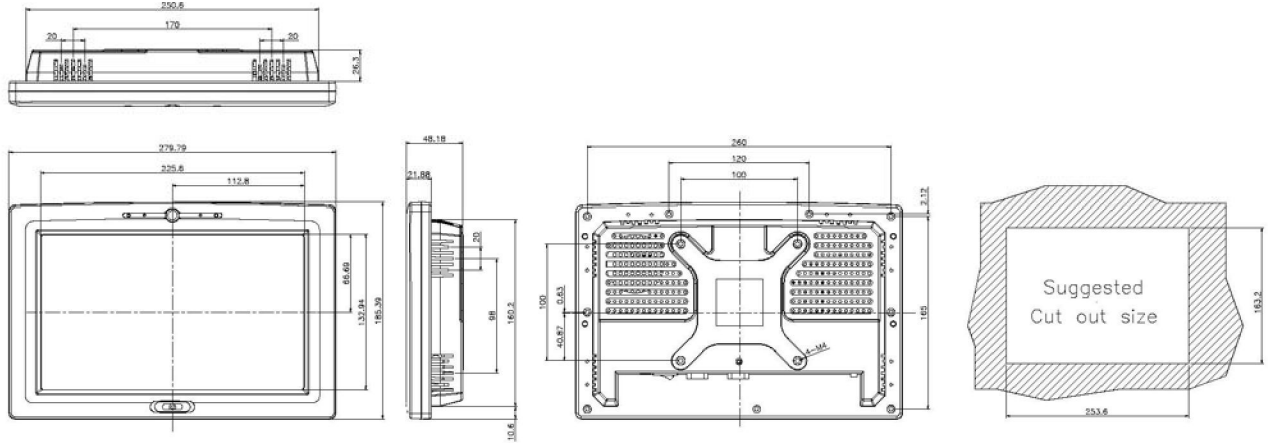


Specifications

Model	AFL-W10A-N270
LCD Size	10.2"
Max Resolution	1024 x 600
Brightness (cd/m ²)	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)
Drive Bay	N/A
Optional HSUPA Module (support GSM 850, EGSM 900, DCS 1800 & 1900)	N/A
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 75mm x 75mm / 100mm x 100mm
Front Panel Color	Gray 7539U
Dimension (WxHxD) (mm)	280 x 251 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 48W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC
Power Requirement	12VDC
Power Consumption	28W

Dimensions (Unit: mm)



ISMM Support Functions

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

Options

Model	AFL-W10A-N270
Panel mounting kit	AFLPK-12
Wall mounting kit	AFLWK-12
Rack mounting kit	AFLRK-W10
ARM	ARM-11-RS / ARM-31-RS
Stand	STAND-A08 / STAND-100-RS / STAND-150-RS
VSTAND	VSTAND-A10
9~30VDC to 12VDC converter module	IDD-930160-KIT
OS	
Win CE 5.0(128 MB CF card)	N/A
Win CE 6.0(128 MB CF card)	AFLCF-W10-N270-CE060
Win XPE(1 GB CF card)	AFLCF-W10-N270-XPE
LINUX(2 GB CF card)	AFLCF-W10-N270-LNX-R10
Hybrid Card Reader	AFLP-10AMSI-U
Magnetic Stripe Reader	AFLP-10AMSR-U
DC 12V Input UPS	AUPS-A10-R10 (7.4V 3800mAH)
DC 9~36V Input UPS	AUPS-A20-R10 (7.4V 3800mAH)

Note: Win CE application without digital microphone function

Ordering Information

Part Number	Description
AFL-W10A-N270/ WT-R/1GB-R10	10.2" 400 cd/m ² , 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

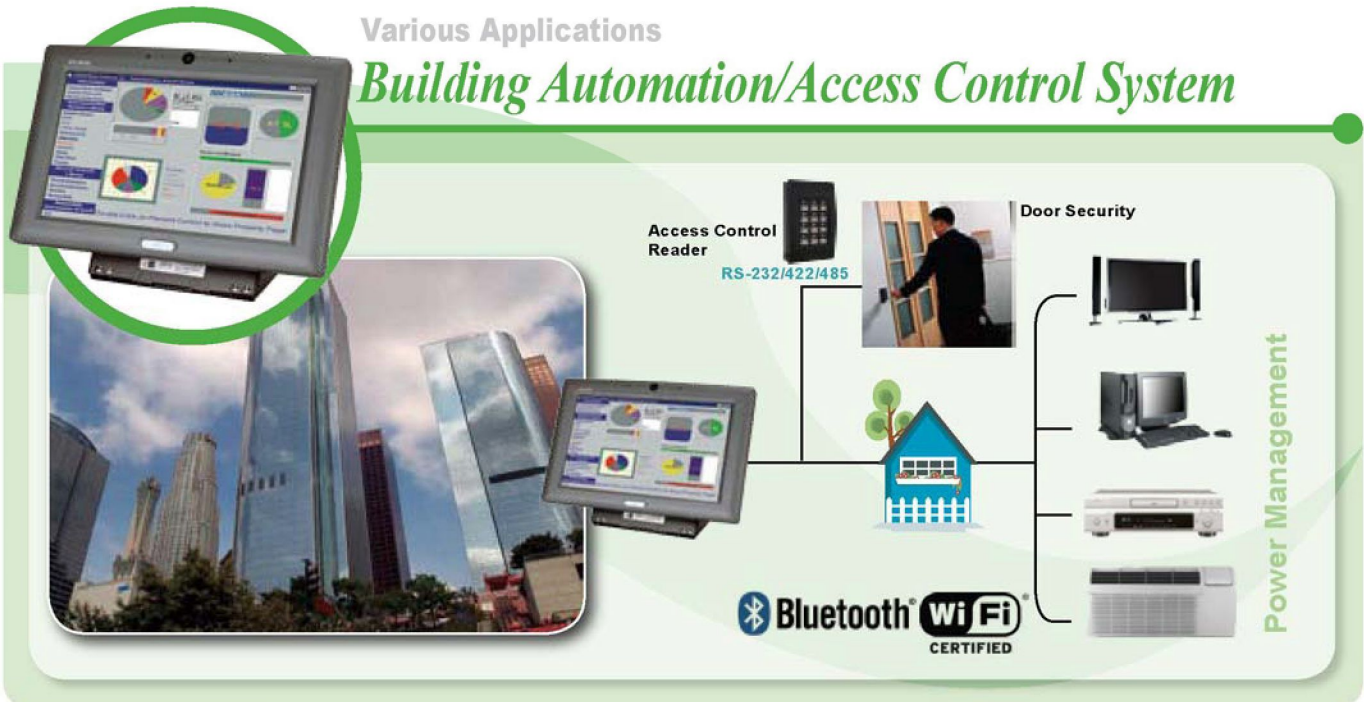
Note: WiFi 802.11 draft N is upgradable.
Note: Optional 1.3MP Camera with Digital Microphone Module

Packing List

Item	Part Number	Q'ty	Specification
Screws Pack	44013-030041-RS	4	M3; 5mm
Power Adpater	63000-FSP0481AD101C-RS	1	90~264V AC; 12V DC; 48W 1750mm; European Standard (EU or US, Which type of cord is shipped depends on the shipment country)
Power Cord	32000-000002-RS	1	
Utilities CD	7B000-000087-RS	1	
Touch Pen	XTR104-0002-RS	1	

Various Applications

Building Automation/Access Control System



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