



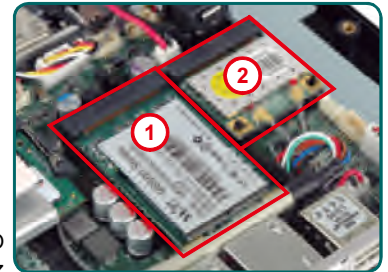
Advanced Features

(1) PCIe Mini card slot compatible with mSATA and PCIe Mini device

IEI patented PCIe Mini interface provides PCIe x 1 and USB signals such as PCIe Mini SSD and wireless LAN card for full-size or half-size devices!

(2) Enhanced MIMO Technology

Preinstalled 2.4GHz 802.11b/g/n Wi-Fi module supports 2Tx/2Rx 2-stream MIMO with up to 300Mbps data rate for a 40MHz channel!



Specifications



Model	AFL-10A-N270
LCD Size	10.4"
Max Resolution	800 x 600
Brightness (cd/m ²)	400
Contrast Ratio	700:1
LCD Color	262K
Pixel Pitch (mm)	0.264 (H) x 0.264 (V)
Viewing Angle (H-V)	160° / 140°
Backlight MTBF	50000 hrs (LED Backlight)
SBC Model	AFLMB-945GSE-N270-R10
CPU	Intel® Atom™ processor N270 1.6GHz CPU
Chipset	Intel® 945GSE + ICH7M
RAM	Supports one 400MHz or 533MHz DDR2 SO-DIM (Max. 2GB)
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
Storage	CF Type II
Watchdog Timer	Software programmable supports 1~255 sec. system reset
Audio	AMP 1.5W + 1.5W (internal speakers)
Wireless Connection	1 x Wireless LAN 802.11b/g/n Module (internal PCIe Mini card interface)
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
Dimensions (WxHxD) (mm)	276 x 222 x 51
Operation Temperature (°C)	-10°C ~50°C
Storage Temperature (°C)	-20°C ~ 60°C
N/G Weight	1.4 Kg
IP Level	IP 64 compliant front panel
Safety & EMC	CE / FCC
Touch Screen	5-wire resistive type (touch controller IC is on board)
Power Adapter	P/N: 63040-010060-130-RS 60W Power Adapter (Meet PSE) Input: 90VAC~264VAC, 50/60Hz Output: 12VDC
Power Requirement	12V DC
Power Consumption	28W

1

IEIMobile Solutions

2

Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals

Ordering Information

Part Number	Description
AFL-10A-N270/R/1G-R24	10.4" 400cd/m ² SVGA fanless panel PC with Intel® Atom™ N270 1.6GHz, 802.11b/g/n wireless module, touch screen, 1GB DDR2 533, R24

ISMM Supported Functions

	Voltage	Temperature	WDT
AFL-10A-N270	V	V	V

Packing List

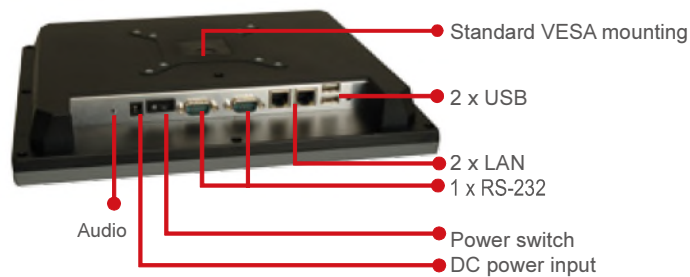
Item	Part Number	Q.ty	Specification
Screw Pack	44013-030041-RS	4	M3; 5mm
Power Adpater	63040-010060-130-RS	1	90~264V AC; 12V DC; 60W (Meet PSE)
Power Cord	32000-000002-RS	1	1750mm; European Standard
Utility CD	7B000-000087-RS	1	
Touch Pen	43125-0002C0-00-RS	1	
One Key Recovery CD		1	
RJ45 to RS-232 Transfer Cable	32005-000200-200-RS	1	300MM; RJ-45 to RS-232 transfer cable

Options

Model	AFL-10A-N270
Panel Mounting Kit	AFLPK-12
Wall Mounting Kit	AFLWK-12
Rack Mounting Kit	AFLRK-10
Arm	ARM-11-RS / ARM-31-RS
Stand	STAND-A12-RS / STAND-100-RS
VSTAND	VSTAND-A10-R11
9~30VDC to 12VDC Converter Module	IDD-930160-KIT
OS: Win XPE (1 GB CF card)	AFLCF-07-N270-XPE-R24
OS: Win 7 Embedded (4 GB CF card or CD-ROM)	AFLCF-07-N270-WES7E-R24
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)
DC jack to terminal block power converter cable	32002-005500-100-RS

*OS image with CD-ROM

Fully Integrated I/O



Dimensions (Unit: mm)

