8.4" SVGA AFOLUX Panel PC

AFL-08AH-LX
AMD Geode™ LX 800 500 MHz Processor

AFL-08AH-N270
Intel® Atom™ N270 1.6GHz Processor

450 nits High Brightness!

Features

- 8.4" TFT LED Backlight LCD with resistive touch screen
- 18V~30V wide range DC power input (Optional for LX platform)
- Fanless cooling system
- Selectable AT/ATX power mode
- System memory up to 2GB SDRAM
- Built-in 802.11b/g/n Wireless LAN
- Built-in two 1.5 W speakers
- One CompactFlash® slot
- IP64 compliant front panel
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (Suggest over 4GB storage capacity)

Optional 18V ~30V Wide DC Power Input

Fanless | Wireless 802.11 b/g | Speakers | One Key Recovery IEI symantec.

Specifications

Model	AFL-08AH-LX / AFL-08AH-LX24V		AFL-08AH-N270
LCD Size	8.4"		
Max Resolution	800 x 600		
Brightness (cd/m²)	450		
Contrast Ratio	600:1		
LCD Color	262K		
Pixel Pitch (mm)	0.213 (H) x 0.213 (V)		
Viewing Angle (H-V)	160º / 140º		
Backlight MTBF	50000 hrs (LED Backlight)		
SBC Model	AFLMB-LX-800		AFLMB-945GSE-N270-R10
CPU	AMD Geode™ LX 800 (500MHz)		Intel® Atom™ process N270 1.6GHz CPU
Chipset	AMD LX 800 + AMD CS5536		Intel 945GSE + ICH7M
RAM	Supports one 400MHz or 533MHz DDR SO-DIMM (1GB Max.)		Supports one 400MHz or 533MHz DDR2 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 10/100Mbps LAN 2 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x Power Jack		1 x RS-232 COM Port 1 x RS-232/422/485 COM Port 2 x RJ-45 for GbE 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 Type II		
Watchdog Timer	Software programmable supports 1~255 sec. system reset		
Audio	AMP 1.5W + 1.5W (internal speaker)		
Wireless Connection	1 x Wireless LAN 802.11 b/g Module (internal Mini PCI interface)		1 x Wireless LAN 802.11 b/g/n Module (internal PCIe Mini card interface)
Drive Bay	--		
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		
Front Panel Color	Gray 7539U		
Dimensions (WxHxD) (mm)	234 x 184 x 42		
Operation Temperature (°C)	0°C ~ 50°C		-10°C ~50°C
Storage Temperayure (°C)	-20°C ~ 60°C		
N/G Weight	0.8 Kg		
IP Level	Front Frame IP64		
Safety & EMC	CE / FCC / CB / CCC		
Touch Screen	4-Wire Resistive Type (touch controller IC is on board)		
Power Adapter	P/N: 63000-FSP036RAB608-RS 36W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC		
Power Requirement	12VDC or 18~30VDC		12VDC
Power Consumption	20W		29W

1 IEI Mobile Solutions

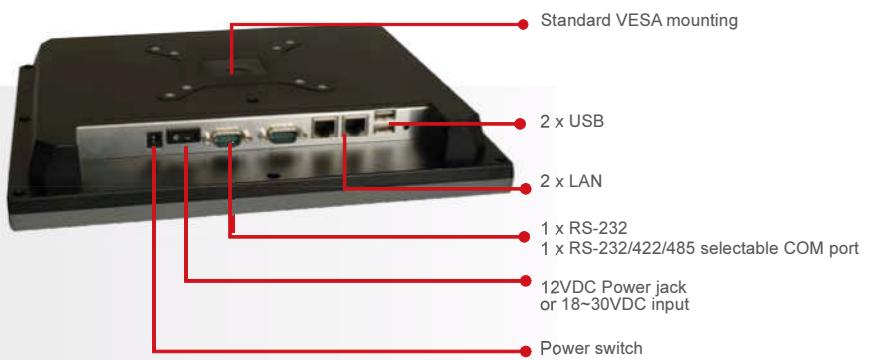**2** Automation Panel Solutions

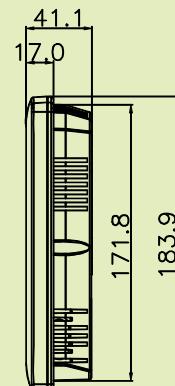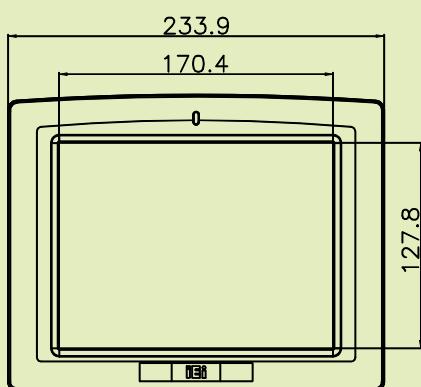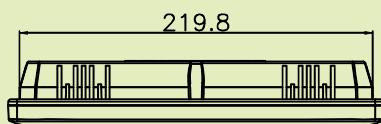**3** RISC-based Solutions

4 PACSmate Medical Solutions
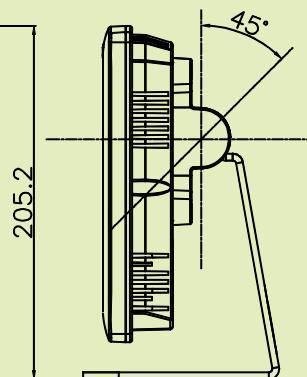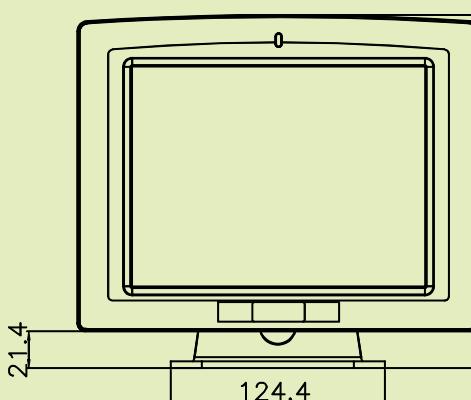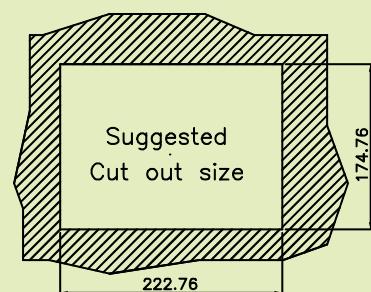
5 Optional Peripherals

Fully Integrated I/O

AFL-08AH-LX

- Standard VESA mounting
- 2 x USB
- 2 x LAN
- 1 x RS-232
  1 x RS-232/422/485 selectable COM port
- 12VDC Power jack
  or 18~30VDC input
- Power switch

AFL-08AH-N270

- Standard VESA mounting
- 2 x USB
- 2 x LAN
- 1 x RS-232
  1 x RS-232/422/485 selectable COM port
- Power switch
- 12VDC power jack
- Audio (Line-out)

AFL-08AH Dimensions (Unit: mm)

219.8

233.9
170.4
127.8

41.1
17.0
171.8
183.9

Suggested
Cut out size
174.76
222.76

205.2
21.4
124.4
45°

1 — IEI Mobile Solutions

2 — Automation Panel Solutions

3 — RISC-based Solutions

4 — PACSmate Medical Solutions

5 — Optional Peripherals

Ordering Information

Part Number	Description
AFL-08AH-LX/R/256-R22	8.4" 450 cd/m², SVGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, 802.11b/g Wireless Module, Touch screen and 256MB DDR RAM, R22
AFL-08AH-LX/R/512-R22	8.4" 450 cd/m², SVGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, 802.11b/g Wireless Module, Touch screen and 512MB DDR RAM, R22
AFL-08AH-LX24V/R/256-R22	8.4" 450 cd/m², SVGA fanless panel PC with AMD LX-800 CPU, 18~30VDC input, AT/ATX mode, 802.11b/g Wireless Module, Touch screen and 256MB DDR RAM, R22
AFL-08AH-LX24V/R/512-R22	8.4" 450 cd/m², SVGA fanless panel PC with AMD LX-800 CPU, 18~30VDC input, AT/ATX mode, 802.11b/g Wireless Module, Touch screen and 512MB DDR RAM, R22
AFL-08AH-N270/R/1G-R22	8.4" 450 cd/m², SVGA fanless panel PC with Intel® Atom™ N270 1.6GHz,802.11b/g/n wireless module,　touch screen , 1GB DDR2 533MHz, R22

Note: AFL-08AH-LX24V model without power adapter

Options

Model	AFL-08AH-LX	AFL-08AH-N270
Panel Mounting Kit	AFLPK-12	
Wall Mounting Kit	AFLWK-12	
Rack Mounting Kit	AFLRK-08	
Arm	ARM-11-RS / ARM-31-RS	
Stand	STAND-A08 / STAND-100-RS	
VSTAND	VSTAND-A10	
9~30VDC to 12VDC Converter Module	IDD-930160-KIT	
OS: Win CE 5.0 (128 MB CF card)	AFLCF-08-LX-CE-R21	--
OS: Win CE 6.0 (128 MB CF card)	AFLCF-08-LX-CE060-R21	AFLCF-08-N270-CE060-R21
OS: Win XPE (1 GB CF card)	AFLCF-08-LX-XPE-R21	AFLCF-08-N270-XPE-R21
OS: LINUX (2 GB CF card)	AFLCF-08-LX-LNX-R21	AFLCF-08-N270-LNX-R21
OS: Win 7 Embedded (2GB CF card)	--	AFLCF-08-N270-WES7E-R21
Hybrid Card Reader	AFLP-08AMSI-U	
Magnetic Stripe Reader	AFLP-08AMSR-U	
DC 12V Input UPS	AUPS-A10-R10 (7.4V 3800mAH)	
DC 9~36V Input UPS	AUPS-A20-R10 (7.4V 3800mAH)	
Bluetooth V2.0+EDR	AFL-BT-KIT02-R10	AFL-BT-KIT01-R10

ISMM Supported Functions

	Voltage	Fan	Smart Fan	Temperature	DIO	WDT	Cash Drawer
AFL-08AH-LX	V			V		V	
AFL-08AH-N270	V			V		V	

Packing List

Item	Part Number	Q'ty	Specification
Screw Pack	44013-030041-RS	4	M3;5mm
Power Adpater	63000-FSP036RAB608-RS	1	90~264V AC; 12V DC; 36W
Power Cord	32000-000002-RS	1	1750mm; European Standard (EU or US, depending on the shipment country)
Utility CD	7B000-000087-RS	1	
Touch Pen	43125-0002C0-00-RS	1	
One Key Recovery CD		1	

Note: AFL-08AH-LX24V model without power adapter