

8.4" SVGA AFOLUX Panel PC

AFL-08AH-LX

AMD Geode™ LX 800 500 MHz Processor

AFL-08A-N26

Intel® Atom™ N2600 1.60 GHz Processor



Features

- 8.4" TFT LED Backlight LCD with resistive touch screen
- 9V~28V wide range DC power input (for Intel® N2600 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 speakers
- One CompactFlash® 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-08AH-LX	AFL-08A-N26
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)	160° / 140°	
Backlight MTBF	50000 hrs (LED Backlight)	
SBC Model	AFLMB-LX-800	
CPU	AMD Geode™ LX 800 (500MHz)	Intel® Atom™ N2600 dual core 1.6 GHz CPU
Chipset	AMD LX 800 + AMD CS5536	Intel® NM10
RAM	Supports one 400MHz or 533MHz DDR SO-DIMM (Max.1GB)	One 800 MHz 204-pin DDR3 SO-DIMM slot (Max. 2GB) pre-installed with 2GB
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 9-28V lockable DC Jack 1 x RJ-45 for RS-232 1 x RS-232/422/485 1 x VGA 2 x GbE LAN 2 x USB 2.0 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x Line out
Storage	CF Type II	mSATA
Watchdog Timer	Software programmable supports 1~255 sec. system reset	
Audio	N/A	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 802.11b/g/n Module (internal PCIe Mini card interface) Telec certified
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 Temperature (°C)	-20°C ~ 60°C	
N/G Weight	0.8 Kg	
IP Level	IP 64 compliant front panel	
Safety & EMC	CE / FCC	
Touch Screen	4-Wire Resistive Type (touch controller IC is on board)	
Power Adapter	P/N: 63040-010036-111-RS 36W Power Adapter (Meet PSE) Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	P/N: 63040-010036-121-RS 36W Power Adapter (Meet PSE) Input: 90VAC~264VAC, 50/60Hz Output: 12VDC
Power Requirement	12VDC	9-28V DC
Power Consumption	20W	29W

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ODM
Reference

2
IEI/Mobile
Solutions

3
Automation
Panel
Solutions

4
Healthcare
Solution

5
Optional
Peripherals

Ordering Information

Part Number	Description
AFL-08AH-LX/R/512-R24	8.4" 450 cd/m ² , SVGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, 802.11b/g Wireless Module, Touch screen and 512MB DDR RAM, R24
AFL-08A-N26/R/2G-R11	8.4" 450cd/m ² , SVGA fanless panel PC with Intel® Atom™ N2600 dual core 1.6GHz, 802.11b/g/n wireless module, touch screen, 2GB DDR3, R11

ISMM Supported Functions

	Voltage	Fan	Smart Fan	Temperature	DIO	WDT	Cash Drawer
AFL-08AH-LX	V			V		V	
AFL-08AH-N26	V			V		V	

Packing List

Item	Part Number	Q'ty	Specification
Screw Pack	44013-030041-RS	4	M3,5mm
Power Adpater	63040-010036-111-RS (for AFL-08AH-LX) 63040-010036-121-RS (for AFL-08A-N26)	1	90~264V AC; 12V DC; 36W (Meet PSE)
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	
RJ45 to RS-232 Transfer Cable	32005-000200-200-RS	1	300MM; RJ45 to D-SUB 9P transfer cable

Options

Model	AFL-08AH-LX	AFL-08A-N26
Panel Mounting Kit	AFLPK-12	
Wall Mounting Kit	AFLWK-12	
Rack Mounting Kit	AFLRK-08	
Arm	ARM-11-RS / ARM-31-RS	
Stand	STAND-100-RS	
VSTAND	VSTAND-A10-R11	
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	--
OS: Win XPE (1 GB CF card)	AFLCF-08-LX-XPE-R21	AFL-W07-N26-XPE-R11*
OS: Win 7 Embedded (4 GB CF card or CD-ROM)	--	AFL-W07-N26-WES7E-R11*
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)	
DC jack to terminal block power converter cable	32002-005500-100-RS	

*OS image with CD-ROM

1

ODM
Reference

2

IEIMobile
Solutions

3

Automation
Panel
Solutions

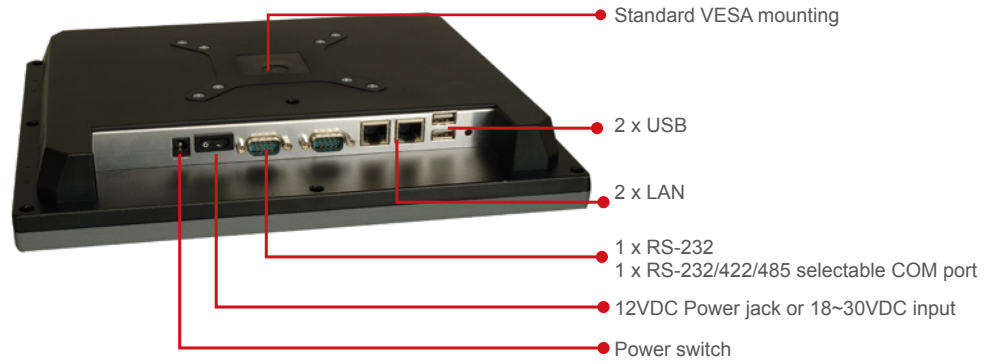
4

Healthcare
Solution

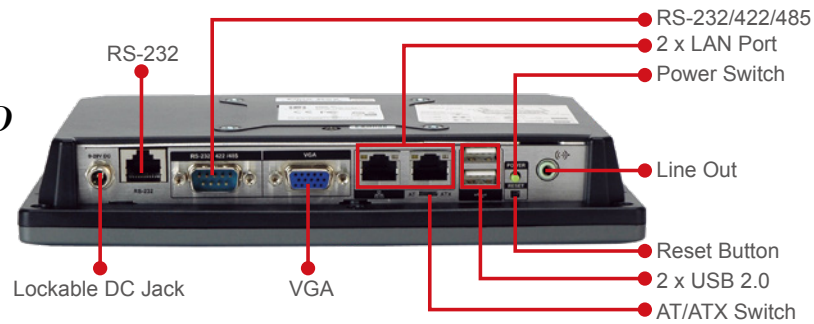
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Optional
Peripherals

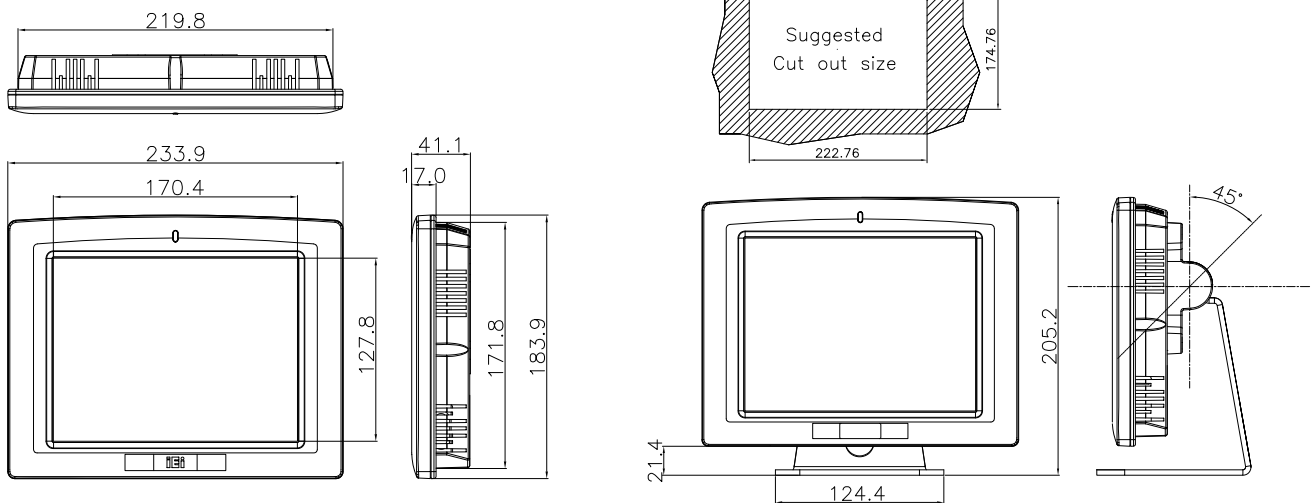
AFL-08AH-LX Fully Integrated I/O



AFL-08A-N26 Fully Integrated I/O



AFL-08AH/AFL-08A Dimensions (Unit: mm)



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