

# AFL-08A

## 8.4" VGA AMD Geode LX800 TOUCH PANEL SYSTEM WITH CE 5.0 or Windows XP Embedded



### INTRODUCTION

The AFL-08A is a streamline all-in-one panel PC with integrated wireless LAN interface. The AFL-08A is designed to provide a cost-effective and versatile solution for a wide variety of industrial and commercial applications. Meet the requirements of your application by choosing either Windows CE 5.0 or Windows XP Embedded operating systems.

The AFL-08A has two independent 10/100 Base-T Ethernet port for responsive open communications. With the integrated PIFA antenna the AFL-08A ensuring you can have an uninterrupted wireless connection. The AFL-08A integrates Windows CE 5.0 (CE.NET) or Windows XP Embedded, which expands its capabilities with vast embedded tools.

### FEATURES

- 8.4" VGA 18 bit TFT LCD
- AMD Geode™ LX800/500MHz core processor
- Fan-less construction
- 8.4" LCD Display
- Analog resistive touch screen
- NEMA 4/IP65 Front Panel
- Integrated Wireless LAN interface
- Windows CE 5.0 or Windows XP Embedded
- Dual 10/100 Mbps LAN connectors

#### Wireless Anywhere

IVC Displays integrates a PIFA antenna into the AFL-08A ensuring you can have an uninterrupted wireless connection. PIFA type antennas can receive high-quality uniform signals in any location from all directions without any signal degradation or impedance and are the most efficient on the market today.

#### Dual LAN support

Dual independent 10/100 Mbps Ethernet design reduces the hazard of network collisions and crashes or virus infection. With the AFL-08A series, the network connection between the AFL-08A and the server never fails.

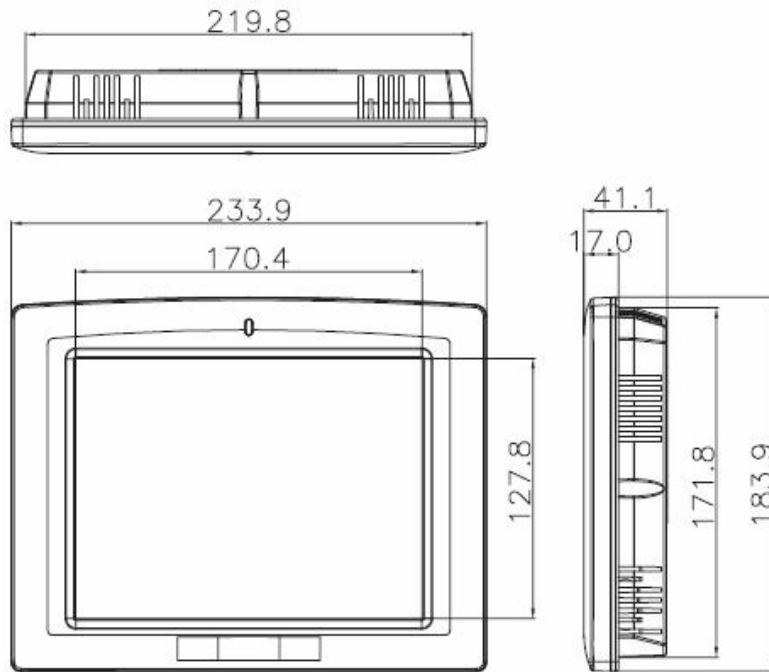
#### Rugged mechanical design

The AFL-08A is directly mounted internally to a metal main frame rather than a fragile plastic cover, which improves the stiffness over conventional material and makes the system solid and more durable

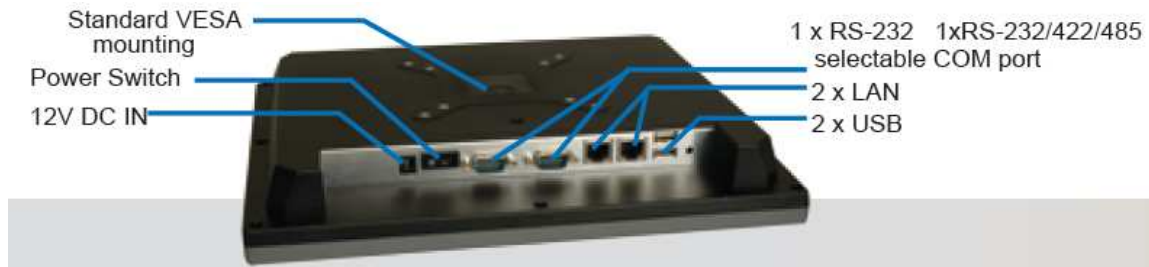
### SPECIFICATIONS

- Display: 8.4" VGA Color TFT LCD
- Resolution: 800 x 600
- Luminance: 450 cd/m<sup>2</sup>
- Contrast ratio: 500:1
- AMD LX800-500MHz core processor
- Maximum Memory supported 1GB RAM (SODIMM x 1)
- 1 Compact Flash slot for Operating System and application storage
- 2 Serial ports (2 RS232, 1 RS485 2W/4W)
- 2 USB ports 2.0
- 2 Ethernet port (10/100 Base-T)
- 2 AMP 1.5W (Internal Speakers)
- 1 Microphone input
- NEMA 4 / IP65 Front Panel
- Power input: 12 VDC, 20W
- Dimensions: (W x H x D) 233.9 x 183.9 x 41.1 mm
- Weight: 0.8Kkg (1.76 lbs)
- Operating temperature: 0-50 degrees C (32-122 degrees F)
- Relative humidity: 10%-90% @ 40 degrees C, non-condensing
- Vibration -5-17Hz 0.1" double amplitude displacement
- Shock 10G acceleration peak to peak 11ms
- Approvals: RoHS, FCC, CE, UL (pending)
- Relative humidity: 10% ~ 90% @ 40°C, non-condensing
- Shock (operation): 10 to 25Hz(X,Y,Z direction 2G 30minutes)
- Approvals: FCC, CE, UL (pending)

## DIMENSIONS



## CONNECTIONS



### Embedded OS Supports

IVC Displays provides optional pre-installed Windows® XP Embedded or Windows® CE 5.0 turnkey solutions tailored for the AFL-08A series. These turnkey solutions have one Compact Flash memory card with either Windows® XP Embedded or Windows® CE 5.0 pre-installed, one Windows® XP Embedded or Windows® CE 5.0 license, and one CD that contains all related SDK (Software Development Kit) and user manuals.

## OTHER OPTION

<b>AFL-08A-PK</b>	<b>Panel Mount Kit</b>
<b>AFL-08A-WK</b>	<b>Wall Mount Kit</b>
<b>AFL-08A-RK</b>	<b>Rack Mount Kit</b>
<b>AFL-08A-12VDC-PS 12VDC</b>	<b>Power Supply</b>