

# AFL-057A-LX

## 5.7" VGA Mini Fanless Touch Panel PC

**AMD Geode LX-800 500 MHz Processor**

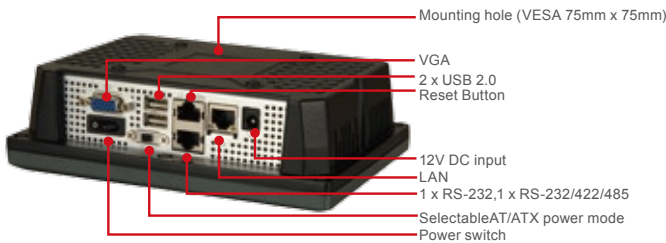


### ► Features

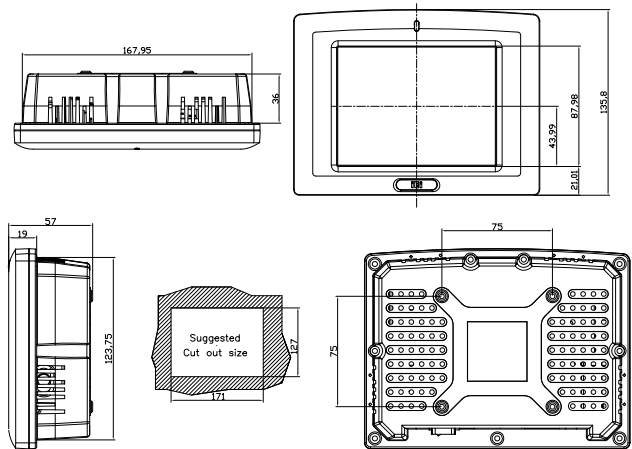
- 5.7" VGA TFT LED backlight LCD with resistive touch screen
- Compact design with plastic housing
- Fanless cooling system
- System memory up to 1 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- One compact flash slot
- IP 64 compliant front panel

The AFL-057A-LX QVGA mini fanless touch panel PC is a cost effective choice for a limited budget. Optional Windows® CE/XPE OS lets the AFL-057A-LX ideal for HMI solution for system integration.

### ► Fully Integrated I/O



### ► Dimensions (Unit:mm)



### ► Specifications

|                                      |  |  |  |   |
|--------------------------------------|--|--|--|---|
| <b>Model</b>                         | <b>AFL-057A-LX</b>   |  | <b>HDD Drive Bay</b>   | N/A   |
| <b>LCD Size</b>                      | 5.7"   |  | <b>Optional HSDPA Module</b><br>(support GSM 850,EGSM 900,DCS 1800 & PCS 1900) | N/A   |
| <b>Max Resolution</b>                | 640 * 480  |  | <b>Construction Material</b>   | ABS + PC Plastic front frame<br>Aluminum die casting body                                   |
| <b>Brightness (cd/m<sup>2</sup>)</b> | 400  |  | <b>LED Function</b>  | 1 x Power ON/OFF LED on front panel   |
| <b>Contrast Ratio</b>                | 300:1  |  | <b>Mounting</b>  | Panel, Wall, Stand and Arm (VESA 75mm x 75mm)   |
| <b>LCD Color</b>                     | 262K   |  | <b>Front Panel Color</b>   | Gray 7539U  |
| <b>Pixel Pitch (mm)</b>              | 0.06(H) x 0.18(V)  |  | <b>Dimensions (WxHxD) (mm)</b>   | 180 x 135 x 55  |
| <b>Viewing Angle (H-V)</b>           | 140/100  |  | <b>Operation Temperature (°C)</b>  | 0°C~50°C  |
| <b>Backlight MTBF</b>                | 50000 hrs  |  | <b>Storage Temperature (°C)</b>  | -20°C~60°C  |
| <b>SBC Model</b>                     | AFLMB-LX2-800  |  | <b>Net Weight</b>  | 0.8 Kg  |
| <b>CPU</b>                           | AMD Geode™ LX 800 (500MHz)   |  | <b>IP Level (front panel)</b>  | IP 64   |
| <b>Chipset</b>                       | AMD Geode™ LX 800 + AMD Geode™ CS5536  |  | <b>EMC</b>   | CE, FCC, CCC  |
| <b>RAM</b>                           | Supports one 1GB (maximum) 333MHz or 400MHz DDR SO-DIMM  |  | <b>Safety</b>  | UL, CB  |
| <b>I/O Ports and Switches</b>        | 1 x RS-232 COM port (RJ-45)<br>1 x RS-232/422/485 COM port (RJ-45)<br>1 x RJ-45 for 10/100Mbps | 2 x USB 2.0<br>1 x Power Switch<br>1 x Reset Button<br>1 x VGA port<br>1 x AT/ATX Switch | <b>Touch Screen</b>  | Resistive Type 4-Wire (touch controller IC is on board)                                     |
| <b>SSD</b>                           | CF Type II   |  | <b>Power Adapter</b>   | P/N: 63000-FSP0361AD101C-RS<br>Power: 36W<br>Input: 90VAC~264VAC @ 50/60Hz<br>Output: 12VDC |
| <b>Watchdog Timer</b>                | Software programmable supports 1~255 sec. System reset   |  | <b>Power Requirement</b>   | 12VDC   |
| <b>Audio</b>                         | AMP 1.5W + 1.5W  |  | <b>Power Consumption</b>   | 15W   |
| <b>Expansion</b>                     | 1 x Wireless LAN Module (USB Interface)<br>1 x bluetooth module (USB Interface)                |  |  |   |

## ► Ordering Information

| Part Number            | Description  |
|------------------------|--|
| AFL-057A-LX/WT-R/256MB | 5.7", 400cd/m <sup>2</sup> VGA fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11 b/g wireless module, Bluetooth module and touch screen, RoHS |
| AFL-057A-LX/WT-R/512MB | 5.7", 400cd/m <sup>2</sup> VGA fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11 b/g wireless module, Bluetooth module and touch screen, RoHS |

## ► ISMM Support Functions

|             | Voltage | Fan | Smart Fan | Temperature | DIO | WDT | Beep | Cash Drawer |
|-------------|---------|-----|-----------|-------------|-----|-----|------|-------------|
| AFL-057A-LX |         |     |           |             |     | V   |      |             |

## ► Options

|                           |                           |
|---------------------------|---------------------------|
| Panel Mounting Kit        | AFLPK-08                  |
| Wall Mounting Kit         | AFLWK-12                  |
| Rack Mounting Kit         | AFLRK-057                 |
| ARM                       | ARM-11-RS/ARM-31-RS       |
| STAND                     | STAND-A08                 |
|                           | STAND-100-RS/STAND-150-RS |
| OS                        | Win CE 5.0                |
|                           | Win CE 6.0                |
|                           | Win XPE                   |
| DC to DC converter module | IDD-930160-KIT            |
| Hybrid Card Reader        | AFLP-08AMSI-U             |
| Magnetic Stripe Reader    | AFLP-08AMSR-U             |
| DC 12V Input UPS          | AUPS-A10-R10              |
| DV 9-36V Input UPS        | AUPS-A20-R10              |

## ► Packing List

| Item                 | P/N                    | Q'ty | Specifications           |
|----------------------|------------------------|------|--------------------------|
| Screws               | 44013-030041-RS        | 4    | M3;ø5mm                  |
| Power Adapter        | 63000-FSP0361AD101C-RS | 1    | 90~264V;12V;36W          |
| Power Cable          | 32000-000002-RS        | 1    | 1750MM,European Standard |
| User's Manual CD ROM | 7B000-000087-RS        | 1    |                          |
| Touch Pen            | XTR104-0002-RS         | 1    |                          |

## ► Enhanced Features

### 5.7" VGA Mini Panel PC

5.7" VGA ( 640 x 480) AFOLUX touch PPC with higher resolution offers more detail.



**Better Graphs  
Legibility!**

## ► LED-backlight Panel PC delivers better image



AFL-057A-LX

With Wider Gamut

### 5.7" VGA Mini Fanless Touch Panel PC

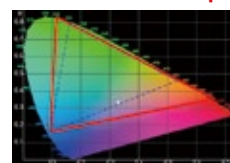
AFL-057A-LX is the first panel PC of its compact size to incorporate an LED backlight - being better than previous CCFL illumination for the viewing and editing of pictures.

### Vivid Image!

Enhancement of picture image quality on LCD screen

- Wider color gamut
- More even screen illumination
- Longer display life
- Low temperature operation and greater power efficiency

### Color Gamut Comparison



— LED  
- - - Normal CCFL

Thus LED backlight for LCD enables seeing the color on LCD screen as we see the colors in nature.

## ► Dual Display

5.7" VGA AFL PPC integrated with VGA out port allows dual mirror display applications.

### Factory Automation

