

# AFL-056A-LX

## 5.6" QVGA Mini Fanless Touch Panel PC

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



**Fanless**



### ► Features

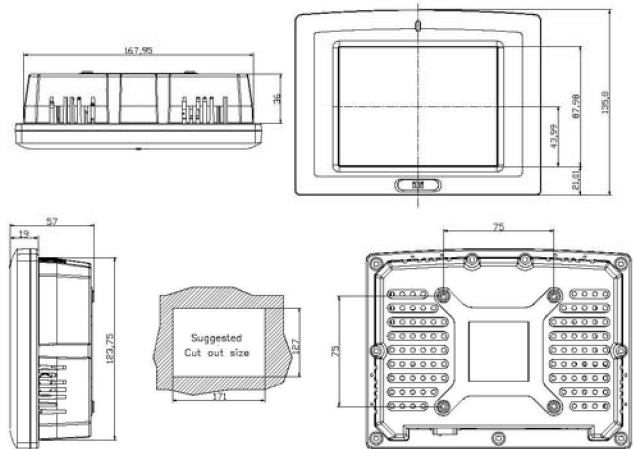
- 5.6" QVGA TFT LCD with resistive touch screen
- Compact design with plastic housing
- Fanless cooling system
- System memory up to 1 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- One compact flash slot
- IP 64 compliant front panel

The AFL-056A-LX QVGA mini fanless touch panel PC is a highly-reliable fanless small form factor panel PC with a low power CPU. The casing is made of aluminum die casting and the system comes with versatile built-in functions for small screen requirements such as Human Machine Interfaces (HMI) and building automation.

### ► Fully Integrated I/O



### ► Dimensions (Unit:mm)



### ► Specifications

<b>Model</b>	<b>AFL-056A-LX</b>	<b>HDD Drive Bay</b>	N/A	
<b>LCD Size</b>	5.6"	<b>Optional HSDPA Module (support GSM 850, EGSM 900, DCS 1800 &amp; PCS 1900)</b>	N/A	
<b>Max Resolution</b>	320 * 234	<b>Construction Material</b>	ABS + PC Plastic front frame Aluminum die casting body	
<b>Brightness (cd/m<sup>2</sup>)</b>	350	<b>LED Function</b>	1 x Power ON/OFF LED on front panel	
<b>Contrast Ratio</b>	400:1	<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>	0.118(H) x 0.362(V)	<b>Dimensions (WxHxD) (mm)</b>	180 x 135 x 55	
<b>Viewing Angle (H-V)</b>	100/60	<b>Operation Temperature (°C)</b>	0°C~50°C	
<b>Backlight MTBF</b>	30000 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) 1 x RS-232/422/485 COM port (RJ-45) 1 x RJ-45 for 10/100Mbps	2 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x VGA port 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 Power: 36W	Input: 90VAC~264VAC @ 50/60Hz 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>	17W	
<b>Expansion</b>	1 x Wireless LAN Module (USB Interface) 1 x bluetooth module (USB Interface)			

## ► Ordering Information

Part Number	Description
AFL-056A-LX/WT-R/256MB	5.6", 350cd/m <sup>2</sup> QVGA 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-056A-LX/WT-R/512MB	5.6", 350cd/m <sup>2</sup> QVGA 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-056A-LX						V		

## ► Options

Panel Mounting Kit	AFLPK-08	
Wall Mounting Kit	AFLWK-12	
Rack Mounting Kit	AFLRK-056	
ARM	ARM-11-RS/ARM-31-RS	
STAND	STAND-A08 STAND-100-RS/STAND-150-RS	
OS	Win CE 5.0	AFLCF-056-LX-CE
	Win CE 6.0	AFLCF-056-LX-CE060
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	

## ► Fanless Design

AFOLUX PPC back cover is designed with cast aluminum chassis which is ideal for demanding environments. The strong, rigid casings are corrosion-resistant and have good heat dissipation properties. strength and rigidity along with good corrosion resistance and heat dissipation.

### Benefits

- Less down time
- Extended operational lives as they are not exposed to overheating problems caused by fan failures
- Reduce maintenance costs

**Aluminum  
Die Casting  
Design**

**Good Heat  
Dissipation!**



## ► QVGA Supported

### 5.6" QVGA Mini Panel PC

5.6" QVGA (320 x 234) AFOLUX touch PPC offers larger image size ideal for replacing the HMI buttons for easy controlling.

**Better Control Unit!**



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