

5.6" QVGA/5.7" VGA AFOLUX PPC

AFL-057A-LX

AMD Geode LX-800 500 MHz Processor

LED Backlight

50000 MTBF

.15W Low Power Consumption



Features

- 5.7" VGA TFT LED backlight LCD with resistive touch screen
- Compact design with plastic housing
- Fanless cooling system with aluminum die-casting back cover
- Selectable AT/ATX power mode
- 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

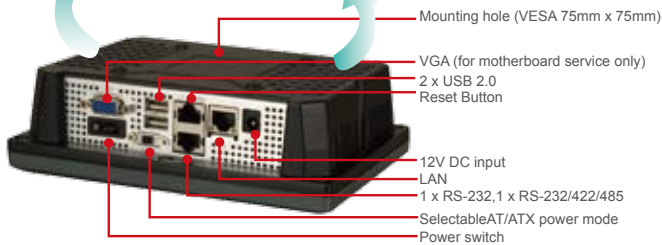
Specifications

Model	AFL-057A-LX
LCD Size	5.7"
Max Resolution	640(W) x 480(H)
Brightness (cd/m ²)	400
Contrast Ratio	300:1
LCD Color	262K
Pixel Pitch (mm)	0.06(W) x 0.18(H)
Viewing Angle (H-V)	140°/100°
Backlight MTBF	50,000 hrs
SBC Model	AFLMB-LX2-800
CPU	AMD Geode™ LX 800 (500Mhz)
Chipset	AMD LX800 + AMD CS5536
RAM	Supports one 333MHz or 400MHz DDR SO-DIMM (1GB Max.)
I/O Ports	1 x RJ45 for RS232 COM Port 1 x RJ45 for RS232/422/485 COM Port 2 x USB 2.0 1 x RJ45 for 10/100Mbps LAN 1 x VGA Port 1 x Power Switch 1 x Reset Button 1 x Power Jack
SSD	CF Typell
Watchdog Timer	Software Programmable supports 1~255 sec. System Reset
Audio	AMP 1.5W + 1.5W (internal speaker)
Expansion	1 x Wireless Lan 802.11 b/g Module (internal USB interface) 1 x Bluetooth Function (internal USB interface, Bluetooth V2.0)
Drive Bay	N/A
Optional HSUPA Module (support GSM 850, EGSM 900, DCS 1800 & 1900)	N/A
Construction Front Panel	ABS + PC Plastic front frame /Aluminum die casting body
LED Function	1 x LED on Front Panel for Power ON/OFF
Mounting	Panel, Wall, Rack, Stand or Arm mounting VESA 75 x 75mm
Front Panel Color	Gray 7539U
Dimension (WxHxD) (mm)	180 x 135 x 55
Operation Temperature (°C)	0~50 (°C)
Storage Temperature (°C)	-20 (°C) ~ 60 (°C)
N/G Weight	0.8 Kg
IP Level	Front Frame IP64
Safety & EMC	CE / FCC / CB / CCC
Touch Screen	Resistive Type 4-Wire (touch controller IC is on board) /DMC6000 (Support RS-232 interface)
Power Adapter	P/N: 63000-FSP0361AD101C-RS 36W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC
Power Requirement	12VDC
Power Consumption	15W

Fully Integrated I/O

Good Heat Dissipation!

Aluminum Die Cast Back Cover

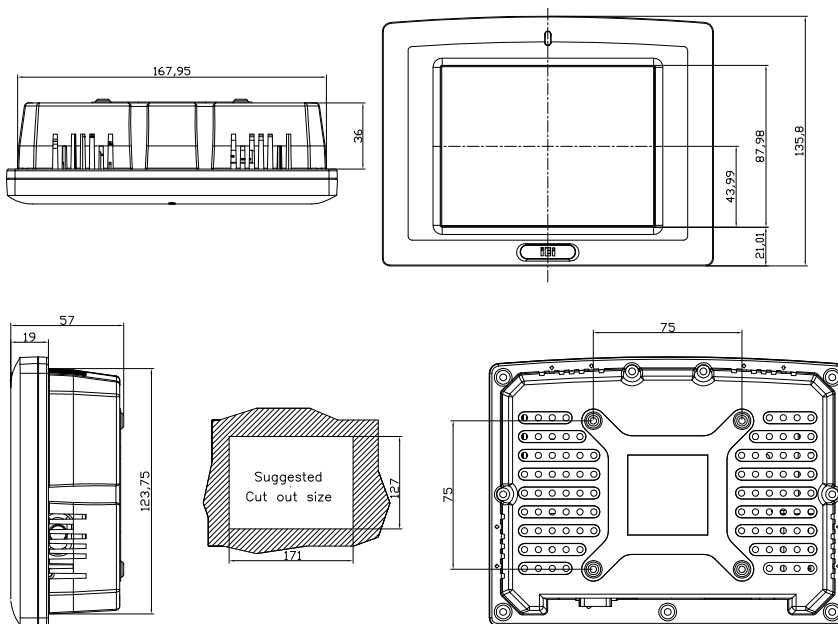


Fanless Design

The mini size all-in-one Panel PC 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.

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

Dimensions (Unit: mm)

Application:
Factory Automation

Ordering Information

Part Number	Description
AFL-057A-LX/WT-R/256MB	5.7" VGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, wireless module, touch screen and 256MB DDR RAM, Bluetooth, RoHS
AFL-057A-LX/WT-R/512MB	5.7" VGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, wireless module, touch screen and 512MB DDR RAM, Bluetooth, RoHS

Options

Model	AFL-057-LX
Panel mounting kit	AFLPK-12
Wall mounting kit	AFLWK-12
Rack mounting kit	AFLRK-057
ARM	ARM-11-RS / ARM-31-RS
Stand	STAND-A08 / STAND-100-RS
VSTAND	VSTAND-A07
9~30VDC to 12VDC converter module	IDD-930160-KIT
OS: Win CE 5.0 (128 MB CF card)	AFLCF-057-LX-CE
OS: Win CE 6.0 (128 MB CF card)	AFLCF-057-LX-CE060
OS: Win XPE (1 GB CF card)	AFLCF-057-LX-XPE
OS: LINUX (2 GB CF card)	AFLCF-057-LNX-R10
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)

ISMM Support Functions

	Fan	Smart Fan	Temperature	WDT	Cash Drawer
AFL-057A-LX				V	

Packing List

Item	Part Number	Q'ty	Specification
Screws Pack	44013-030041-RS	4	M3;5mm
Power Adapter	63000-FSP0361AD101C-RS	1	90~264V AC; 12V DC; 36W
Power Cord	32000-000002-RS	1	1750mm (EU or US, Which type of cord is shipped depends on the shipment country)
Utilities CD	7B000-000087-RS	1	
Touch Pen	XTR104-0002-RS	1	