

5.7" VGA AFOLUX PPC

AFL-057A-LX

AMD Geode™ LX 800 500MHz Processor

AFL-057A-Z510/Z530

5.7" Power over Ethernet (PoE) All-in-One Panel PC



IPS-2042TX
Industrial Lite-managed PoE Switch

Features

- 5.7" PoE compliant Panel PC with resistive touchscreen
- IEEE802.3af Power Over Ethernet (PoE) compliant
- Intel® Atom™ processor Z510P/Z530P up to 1.6 GHz
- Lower power consumption and fanless operation
- One CompactFlash® slot
- Wide operating temperature capability: -20°C to 60°C (AFL-057A-ZXX)
- IEI One Key Recovery solution for rapid OS backup and recovery (over 4 GB storage capacity recommended)
- IP64 compliant front panel



Specifications

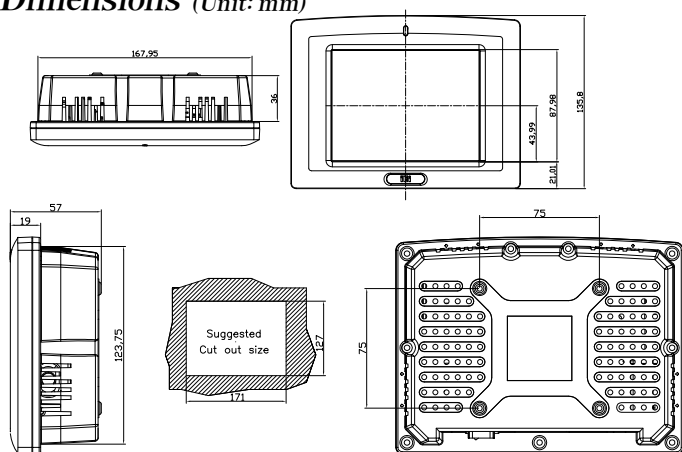
Model	AFL-057A-LX	AFL-057A-Z510/Z530
LCD Size	5.7"	
Max Resolution	640 (W) x 480 (H)	
Brightness (cd/m ²)	400	
Contrast Ratio	300:1	
LCD Color	262K	
Pixel Pitch (mm)	0.06 (W) x 0.18 (H)	
Viewing Angle (H-V)	140° / 100°	
Backlight MTBF	50,000 hrs (LED Backlight)	
SBC Model	AFLMB-LX2-800	AFLMB-US15W
CPU	AMD Geode™ LX 800 (500MHz)	Intel® Atom™ Processor Z530P 1.6 GHz Intel® Atom™ Processor Z510P 1.1 GHz
Chipset	AMD LX800 + AMD CS5536	Intel® SCH: US15W
RAM	Supports one 333MHz or 400MHz DDR SO-DIMM (1GB Max.)	
I/O Ports	1 x RJ-45 for RS-232 COM port 1 x RJ-45 for RS-232/422/485 COM port 2 x USB 2.0 1 x RJ-45 for 10/100Mbps LAN 1 x VGA port 1 x Power switch 1 x Reset button 1 x Power jack	1 x RS-232/422/485 COM port 1 x RJ-45 for GbE supports IEEE 802.3af, PoE/PD 1 x USB 2.0 1 x Reset button 1 x 5V DC power input
SSD	CF Type II	
PoE Function	--	Require IEEE 802.3af 12.95W power input Power Device PD (Power-input)
Watchdog Timer	Software programmable supports 1~255 sec. system reset	
Audio	AMP 1.5W + 1.5W (internal speaker)	AMP 1.5W+1.5W (internal speaker)
Wireless Connection	1 x Wireless LAN 802.11 b/g Module (internal USB interface)	--
Construction Front Panel	ABS + PC Plastic front frame /Aluminum die-casting body	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	Panel, Wall, Stand and Arm VESA 75 x 75
Front Panel Color	Gray 7539U	Gray 7539U
Dimension (WxHxD) (mm)	180 x 135 x 55	180 x 135 x 55
Operation Temperature (°C)	0°C~50°C	-20°C~60°C
Storage Temperature (°C)	-20°C ~ 60°C	-20°C ~ 60°C
N/G Weight	0.8 Kg	0.8 Kg
IP Level	Front Frame IP64	Front Frame IP64
Safety & EMC	CE / FCC	CE / FCC
Touch Screen	4-Wire Resistive Type (touch controller IC is on board) P/N: 63000-FSP036RAB608-RS	4-Wire Resistive Type (touch controller IC is on board) P/N: 63000-FSP025DGAA1705-RS (Optional)
Power Adapter	36W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	25W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 5VDC
Power Requirement	12VDC	5V DC-IN Power input or receives PoE Power from RJ45 Connector
Power Consumption	15W	12W

PoE Panel PC Eliminates Need for AC Outlets

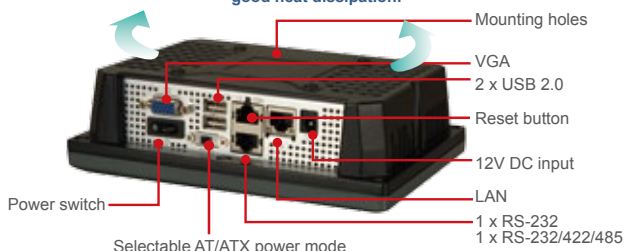
The IEI AFL-057A is IEEE 802.3af compliant. The IEEE 802.3af PoE standard ensures that 12.95W of DC power is provided to each connected device. PoE Technology describes a system that safely transfers electrical power, along with data, to remote devices over a standard category 5e cable in an Ethernet network.



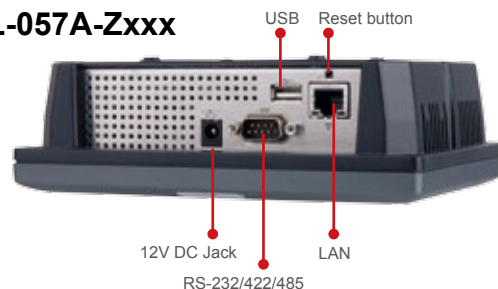
AFL-057A Dimensions (Unit: mm)



AFL-057A-LX Aluminum die-casting rear cover with good heat dissipation!



AFL-057A-Zxxx



Ordering Information

Part Number	Description
AFL-057A-LX/R/256M-R21	5.7" VGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, wireless module, touch screen and 256MB DDR RAM, R21, RoHS
AFL-057A-LX/R/512M-R21	5.7" VGA fanless panel PC with AMD LX-800 CPU, AT/ATX mode, wireless module, touch screen and 512MB DDR RAM, R21, RoHS
AFL-057A-Z530/ R/1G-R11	5.7" 400 cd/m ² VGA fanless panel PC with Intel® Atom™ Z530 1.6 GHz, PoE IEEE 802.3 af, touch screen, 1 GB DDR2 553 MHz, RoHS
AFL-057A-Z510/ R/1G-R11	5.7" 400 cd/m ² VGA fanless panel PC with Intel® Atom™ Z510 1.1 GHz, PoE IEEE 802.3 af, touch screen, 1GB DDR2 553 MHz, RoHS

Options

	Item	AFL-057A-LX	AFL-057A-Zxxx
IQ Mount	Panel Mount Kit		AFLPK-12
	Wall Mount Kit		AFLWK-12
	Rack Mount Kit		AFLRK-057
	ARM		ARM-11-RS / ARM-31-RS
	Stand		STAND-A08 / STAND-C12 / STAND-100-RS
OS	VSTAND		VSTAND-A07
	Win XPE (1GB CF card)	AFLCF-057-LX-XPE-R10	AFLCF-057-US15W-XPE-R10
	Win 7 Embedded (2GB CF card)	N/A	AFLCF-057-US15W-WES7E-R10
	Win CE 5.0 (128MB CF card)	AFLCF-057-LX-CE5-R10	N/A
	Win CE 6.0 (128MB CF card)	AFLCF-057-LX-CE6-R10	AFLCF-057-US15W-CE6-R10
Card Reader	Linux (2GB CF card)	AFLCF-057-US15W-LNX-R10	N/A
	Industrial PoE Switch (4 ports P.S.E)	N/A	IPS-2042TX
	Hybrid Card Reader	AFLP-08AMSI-U	AFLP-08AMSI-U
	Magnetic Stripe Reader	AFLP-08AMSR-U	AFLP-08AMSR-U
Power Adapter	DC to DC converter module	IDD-930160-KIT	N/A
	DC 12V Input UPS	AUPS-A10-R1- (7.4V 3800mAh)	N/A
	DC 9-36V Input UPS	AUPS-A10-R1- (7.4V 3800mAh)	N/A
	25W Power Adapter for AFL-057A-Zxxx	N/A	63000-FSP025DGAA1705-RS
Bluetooth	Bluetooth V2.0+EDR	AFL-BT-KIT03-R10	N/A

IPS-2042TX

Industrial 6-port Lite-Managed PoE Ethernet Switch



- World's fastest Redundant Ethernet Ring : O-Ring (Recovery time < 10 ms over 250 units of connection)
- Multiple Redundant Ethernet technology RSTP/STP, O-Ring supported
- SNMP v1 supports secured network management
- Web-based configuration and Windows utility (Open-Vision)
- Triple redundant DC power inputs via terminal block and power jack
- Event notification through Syslog, Email, and SNMP trap
- Two 100Base-FX fiber ports support long distance connections
- 4 ports support P.S.E based on IEEE 802.3af standard up to 25 watts per port
- Wide operating temperature range from -40°C to 70°C

Packing List

Item	Part Number	Q'ty	Specification
Screw Pack	44013-030041-RS	4	M3,5mm
Power Adpater	63000-FSP036RAB608-RS	1	90~264V AC; 12V DC; 36W (for AFL-057A-LX)
Power Cord	32000-000002-RS	1	1750mm (EU or US, depending on the shipment country) (for AFL-057A-LX)
Utility CD	7B000-000087-RS	1	
Touch Pen	43125-0002C0-00-RS	1	
One Key Recovery CD		1	