



Intel Atom
Intel Core 2 Duo
Intel Pentium Mobile
Intel Celeron Mobile
AMD Athlon Duo Core
AMD Geode
Via Eden

AFOLUX Allt-i-Ett Panel-PC med Touch

5.6"~19" Multi-functional All-in-One Touch Panel PC

IEI's innovative AFOLUX series is a semi-rugged line of industrial panel PC with IP 64 sealed front panels, and complies with stringent specifications for service automation and for core business related services.



► 15"~19" All-in-One Touch Panel PC



► AFOLUX 12.1" POS Touch Panel PC

► 8.4"~12.1" All-in-One Touch Panel PC



► AFOLUX 15" POS Touch Panel PC



► 7" wide screen Touch Panel PC



► 5.6"/5.7" Mini-fanless Touch Panel PC



► AFOLUX KIOSK Touch Panel PC



AFL-07A-LX

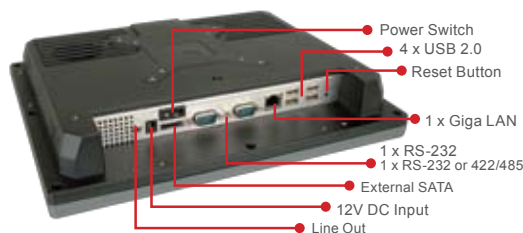
AFL-07A-CX2



The compact fanless AFL-07A-CX2 model with widescreen high brightness panel is ideal for limited space and better image requirements such as car PCs.

Fully Integrated I/O

AFL-07A-LX



AFL-07A-CX2



Specifications

Model	AFL-07A-LX-R11 AFL-07A-LX24V	AFL-07A-CX2
LCD Size	7"	7"
Max Resolution	800 * 480	800 * 480
Brightness (cd/m ²)	350	350
Contrast Ratio	400:1	400:1
LCD Color	262K	262K
Pixel Pitch (mm)	0.1905(H) x 0.1905(V)	0.1905(H) x 0.1905(V)
Viewing Angle (H-V)	140/110	140/110
Backlight MTBF	50000 hrs	50000 hrs
SBC Model	AFLMB-LX800	AFLMB-CX2
CPU	AMD Geode™ LX 800 (500MHz)	VIA EDEN 1GHz ULV
Chipset	AMD Geode™ LX 800 + AMD Geode™ CS5536	CX700M
RAM	Supports one 1GB (maximum) 333MHz or 400MHz DDR SO-DIMM	Support one 200-pin 1GB (maximum) 400MHz or 533MHz DDR II SO-DIMM
I/O Ports and Switches	1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for 10/100Mbps LAN 2 x USB 2.0 1 x Power Switch 1 x Reset Button	1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 1 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x Power Jack 1 x Audio Port
SSD	CF Type II	CF Type II
Watchdog Timer	Software programmable supports 1~255 sec. System reset	
Audio	AMP 1.5W + 1.5W	AMP 1.5W + 1.5W
Expansion	1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)	

7" Widescreen WVGA Touch Panel PC

AMD Geode LX-800 500 MHz Processor

7" Widescreen WVGA Touch Panel PC

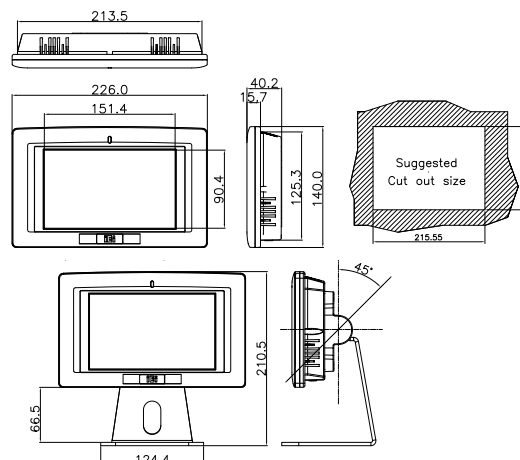
VIA Eden™ 1GHz ULV Processor



Features

- 7" widescreen WVGA 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

Dimensions (Unit:mm)



HDD Drive Bay	N/A	N/A
Optional HSDPA Module (support GSM 850,EGSM 900,DCS 1800 & PCS 1900)	N/A	N/A
Construction Material	ABS + PC Plastic front frame	ABS + PC Plastic front frame
LED Function	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel
Mounting	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm
Front Panel Color	Gray 7539U	Gray 7539U
Dimensions (WxHxD) (mm)	226 x 140 x 41	226 x 140 x 41
Operation Temperature (°C)	0°C~50°C	0~45
Storage Temperature (°C)	-20°C~60°C	-20~60
Net Weight	0.6 Kg	0.6 kg
IP Level (front panel)	IP 64	IP 64
EMC	CE, FCC, CCC	CE, FCC, CCC
Safety	UL, CB	UL, CB
Touch Screen	Resistive Type 4-Wire (touch controller IC is on board)	Resistive Type 4-Wire (touch controller IC is on board)
Power Adapter	P/N: 63000-FSP0361AD101C-RS Power: 36W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC	P/N: 63000-FSP0361AD101C-RS Power: 36W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC
Power Requirement	12VDC or 18~30VDC	12VDC
Power Consumption	20W	28W

► Ordering Information

Part Number	Description
AFL-07A-LX/WT-R/256MB-R11	7", 350cd/m ² WVGA fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS
AFL-07A-LX/WT-R/512MB-R11	7", 350cd/m ² WVGA fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS
AFL-07A-CX2-E10G/WT-R/512MB	7" 350cd/m ² WVGA fanless panel PC with VIA Eden 1GHz ULV CPU, 512 MB DDR2 RAM, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-07A-LX24V/WT-R/256MB	7" 350cd/m ² WVGA fanless panel PC with AMD Geode™ LX 800 CPU, 256 MB DDR RAM, 18~30VDC Power Input, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-07A-LX24V/WT-R/512MB	7" 350cd/m ² WVGA fanless panel PC with AMD Geode™ LX 800 CPU, 512 MB DDR RAM, 18~30VDC Power Input, 802.11 b/g wireless module, touch screen, bluetooth, RoHS

► ISMM Support Functions

	Voltage	Fan	Smart Fan	Temperature	DIO	WDT	Beep	Cash Drawer
AFL-07A-LX	V			V		V	V	
AFL-07A-CX2					V	V		

► Options

	AFL-07A-LX	AFL-07A-CX2
Panel Mounting Kit	AFLPK-08	
Wall Mounting Kit	AFLWK-12	
Rack Mounting Kit	AFLRK-07	
ARM	ARM-11-RS/ARM-31-RS	
STAND	STAND-A08	
	STAND-100-RS/STAND-150-RS	
OS	Win CE 5.0	AFLCF-07-LX-CE-R11
	Win CE 6.0	AFLCF-07-LX-CE-CE060
	Win XPE	AFLCF-07-LX-XPE-R11
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	

Note: AFL-07A-LX24V model without power adapter

► Application

Small size industrial –grade LCDs are ideal for in-vehicle systems in trucks, public transport vehicles, and police cars. AFL in-vehicle LCDs used in car navigation systems and as monitors for rear-seat entertainment systems are able to withstand vibrations caused by the motion of the vehicle.

