

AFL-08AH-LX

AFL-08AH-CX2

8.4"High Brightness Touch Panel PC

AMD Geode LX-800 500 MHz Processor

8.4"High Brightness Touch Panel PC

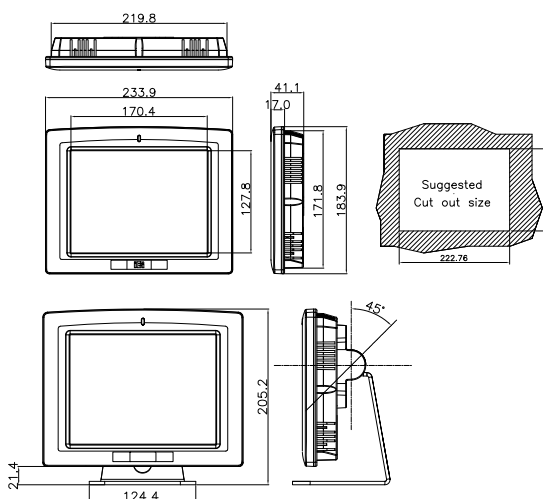
VIA Eden™ 1GHz ULV Processor



► Features

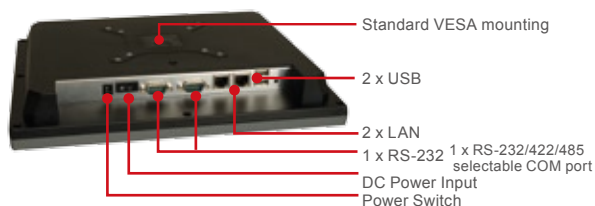
- 8.4" TFT LCD with resistive touch screen
- Fanless cooling system
- System memory up to 1 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- One compact flash slot
- IP 64 compliant front panel

► Dimensions (Unit:mm)



► Fully Integrated I/O

AFL-08AH-LX



AFL-08AH-CX2



► Specifications

Model	AFL-08AH-LX-R11 AFL-08AH-LX24V	AFL-08AH-CX2	HDD Drive Bay	N/A	N/A
LCD Size	8.4"	8.4"	Optional HSDPA Module (support GSM 850,EGSM 900,DCS 1800 & PCS 1900)	N/A	N/A
Max Resolution	800 * 600	800 * 600	Construction Material	ABS + PC Plastic front frame	ABS + PC Plastic front frame
Brightness (cd/m ²)	450	450	LED Function	1 x Power ON/OFF LED on front panel	1 x Power ON/OFF LED on front panel
Contrast Ratio	500:1	500:1	Mounting	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm
LCD Color	262K	262K	Front Panel Color	Gray 7539U	Gray 7539U
Pixel Pitch (mm)	0.213(H) x 0.213(V)	0.213(H) x 0.213(V)	Dimensions (WxHxD) (mm)	234 x 184 x 42	234 x 184 x 42
Viewing Angle (H-V)	120/100	120/100	Operation Temperature (°C)	0°C~50°C	0~45°C
Backlight MTBF	50000 hrs	50000 hrs	Storage Temperature (°C)	-20°C~60°C	-20~60°C
SBC Model	AFLMB-LX800	AFLMB-CX2	Net Weight	0.8 Kg	0.8 kg
CPU	AMD Geode™ LX 800 (500MHz)	VIA EDEN 1GHz ULV	IP Level (front panel)	IP 64	IP 64
Chipset	AMD Geode™ LX 800 + AMD Geode™ CS5536	CX700M	EMC	CE, FCC, CCC	CE, FCC, CCC
RAM	Supports one 1GB (maximum) 333MHz or 400MHz SO-DIMM	Support one 200-pin 1GB (maximum) 400MHz or 533MHz DDR II SO-DIMM	Safety	UL, CB	UL, CB
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	Touch Screen	Resistive Type 4-Wire (touch controller IC is on board)	Resistive Type 4-Wire (touch controller IC is on board)
SSD	CF Type II	CF Type II	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
Watchdog Timer	Software programmable supports 1~255 sec. System reset		Power Requirement	12VDC or 18~30VDC	12VDC
Audio	AMP 1.5W + 1.5W	AMP 1.5W + 1.5W	Power Consumption	20W	30W
Expansion	1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)				

► Ordering Information

Part Number	Description
AFL-08AH-LX/WT-R/256MB-R11	8.4", 450cd/m ² SVGA fanless panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS
AFL-08AH-LX/WT-R/512MB-R11	8.4", 450cd/m ² SVGA fanless panel PC with AMD Geode™ LX 800 CPU, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS
AFL-08AH-CX2-E10G/WT-R/512MB	8.4" 450cd/m ² SVGA fanless panel PC with VIA Eden 1GHz ULV CPU, 512 MB DDR2 RAM, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-08AH-LX24V/WT-R/256MB	8.4", 450cd/m ² SVGA fanless panel PC with AMD Geode™ LX 800 CPU, 18~30VDC Input, 256MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS
AFL-08AH-LX24V/WT-R/512MB	8.4", 450cd/m ² SVGA fanless panel PC with AMD Geode™ LX 800 CPU, 18~30VDC Input, 512MB DDR RAM, 802.11b/g wireless module, Bluetooth module and touch screen, RoHS

► ISMM Support Functions

	Voltage	Fan	Smart Fan	Temperature	DIO	WDT	Beep	Cash Drawer
AFL-08AH-LX	V			V		V	V	
AFL-08AH-CX2					V	V		

► Options

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

► Application

8.4" Supermarket Use Advertising Player

Used as information machine or an advertisement display screen in supermarket, chain stores, drugstore, subway station, hotel, lift, boardroom, classroom and public areas or aboard various forms of transportation, like taxi, bus, train etc.



- 8 inch 450 nits high brightness TFT LCD screen for clear viewing
- Plastic cabinet streamline design, with build-in speaker and line-out (For AFL-08A-CX2) specifically design for public applications
- Support hardware MPEG-2/MPEG-4 hardware decode acceleration, enabling faster multimedia file transmission and better image quality while the CPU is in lessconsumption.
- Selectable AT/ATX power mode
 - Auto start when power on-AT mode
 - Remote management-ATX mode
- Real time news update by wireless or wired LAN