

Specifications

- 1 Application Server Platform
- 2 Single Board Computer
- 3 IBX Series POS PC
- 4 AFOLUX POS Panel PC
- 5 Video Capture Card
- 6 KAMIO RISC
- 7 IOVU Open HMI
- 8 VITO Universal Controller
- 9 DINO BLADE
- 10 LCD Product Series
- 11 Embedded System
- 12 Industrial Computer Chassis
- 13 Power Supply
- 14 Peripherals



Model Name	AFL-12B-LXPOS	AFL-15A-LXPOS
Mainboard	AFLMB-LXPOS-R10	
CPU	AMD Geode™ LX 800 (500MHz)	
Chipset	AMD Geode™ LX 800+ AMD Geode™ CS5536	
Memory	Supports one 1GB (maximum)333MHz or 400MHz SO-DIMM	
LCD/Touch Panel		
LCD Size	12.1" TFT LCD	15" TFT LCD
Max Resolution	800 x 600 (1024 x 768)	1024 x 768
Brightness (cd/m²)	350 (450)	350
Contrast Ratio	500:1 (700:1)	700:1
LCD Color	262K	262K
Pixel Pitch (mm)	0.3075(H) x 0.3075(V) (0.240(H) x 0.240 (V))	0.297(H) x 0.297(V)
Viewing Angle (H-V)	140(H) / 120(V) (160(H) / 160(V))	140(H) / 125(V)
Backlight MTBF	50000 hrs	50000 hrs
Touch Screen Type	Resistive Type 5-Wire	
Metal Housing		
Housing Material	ABS + PC Plastic front frame	
IP Level	IP 64 in front	
Front Panel Color	Gray	Silver
Storage		
HDD	1 x 2.5" HDD bay With ANTI-SHOCK	
SSD	CF Type II	
Expansion		
Mini-PCI Slot	1x mini-PCI slot (for wireless module)	
External I/O Ports		
USB	2 x USB 2.0	
Serial/COM	2 x RS-232 COM Port (pin 9 with RI , 5V or 12V switch selectable) With LED Indicator (12V--Red / 5V--Yellow / RI--Green)	
LAN (10/100Mbps)	1 x RJ-45 GbE	
Cash Drawer	1 x RJ-12 (12V) for Cash Drawer	
DC Jack	1 x DC Jack latch type	
	1 x Power Switch	
	1 x Reset Button	
POWER LED	1	
Audio		
Built-in Speaker	AMP 1.5W+AMP 1.5W	
Power		
Power Adapter	Power: 48W	Power: 60W
	Input: 90VAC~264VAC @ 50/60Hz	Input: 90VAC~264VAC @ 50/60Hz
	Output:12VDC	Output:12VDC
Peripheral		
MSR	Magnetic Card Reader (USB interface) (optional)	
MSI	Magnetic Card, Dallas iButton (USB interface) (optional)	
Cash Drawer	RJ-12 interface (optional)	
Bar Code Reader	Hand-held Laser Scanner (USB interface) (optional)	
Environment		
EMC and Safety	CE,FCC,CCC,UL,CB	
Operating Temperature	0°C~50°C	
Storage Temperature	-20°C~60°C	
Dimension (WxHxD) (mm)	304 x 246 x 49.5	394 x 309 x 61
Mounting	Panel, Wall, Stand VESA 75mm x 75mm / 100 x 100mm	Panel, Wall, Stand VESA 100 x 100mm
Net Weight	1.8 Kg	3.2 Kg
Power Consumption	29W	38W
OS Support	Windows XPE or Windows CE 5.0 or Windows CE 6.0 (optional)	
Watchdog Timer	Software programmable supports 1~255 sec. System reset	

Optional Peripherals



• Customer Display

Options

P/N	Description
AFLP-CDB01	Customer Display, VFD, 5x7 dot matrix, RS232, black color
AFLP-CDW01	Customer Display, VFD, 5x7 dot matrix, RS232, white color

• Thermal Printer



Options

P/N	Description
AFLP-TPB01	Thermal Printer, 24VDC, RS232, thermal line printing, black color
AFLP-TPW01	Thermal Printer, 24VDC, RS232, thermal line printing, white color

Specifications

Customer Display	Vacuum Fluorescent Display Green
Display Pattern	5 x 7 dot matrix
Brightness	350~700 cd/m2
Character	95 Alphanumeric & 32 International Characters
Dot Size (X x Y)	0.86 mmx 1.2 mm
Font Size	5.25(W) x 9.3(H)
Character Number	20 x 2 for 5 x 7 font
Command	LD-220, EPSON POS D101, Aedex, UTC/S, UTC/P, ADM788, DSP800, CD5220, EMAX, LOGIC CONTROL
Language	USA, France, Germany, U.K., Sweden, Denmark I & II, Italy, Spain, Norway, Japan (Katakana), Slavonic, Russian, etc...
Pass-through	Pass-through function is standard
Dimension (Panel) (W x D x H)	220 mm x 50 mm x 86 mm
Dimension (Support)	Two supports per package, per support : 130mm130mm x 2 = 260 mm (H)x 33 mm (dia)
Dimension (base)	217 mm (W) x 106 mm (D) x 20 mm (H)
Viewing Angle	Max. 90°
Horizontal Rotation	Max. 360°
Weight	About 0.55 Kg
Interface	RS-232

Specifications

Print method	Direct thermal line printing
Print Font Column	9 x 17 / 12 x 24 64/48 Columns 95 Alphanumeric; 32 International; 128x7 graphics Traditional/Simplified Chinese, Japanese UPC-A, UPC-E, JAN8 (EAN8), JAN13 (EAN13), CODE 39, CODE 93, CODE 128, CODABAR.
Bar code	
Print Speed	180mm / sec (60 lps) max.
Data Buffer	96 Kbytes or 2k bytes
Interface	RS 232C (32K)
Paper Dimensions (mm)	Thermal roll paper: 79.5 +/- 0.5 x dia 83.0 mm
Paper Thickness (mm)	0.06 to 0.12
Power	24VDC +/- 7%
Current consumption	Approx 2.0A (mean)
Overall dimensions	146(W) x 197(D) x 145(H) mm
Weight	Approx 1.8 Kg
EMI Standards	CE, FCC

Options

	AFL-12B-LXPOS	AFL-15A-LXPOS
POS Stand	STAND-POS12	STAND-POS15
LCD Stand	STAND-A12	STAND-A19/STAND-B19
Wall Mount Kit	AFLWK-19	
Panel Mounting Kit	AFLPK-12	AFLPK-15
Cash Drawer	AFLP-CW01-12V (RJ-12 interface with white color) AFLP-CB01-12V (RJ-12 interface with black color)	
Bar Code Reader	AFLP-BRW01-U (USB interface with white color) AFLP-BRB01-U (USB interface with black color)	
MSR (Magnetic Stripe Reader)	AFLP-12MSR-U	AFLP-15MSR-U
MSI (Magnetic Card/Smart Card/Dallas iButton)	AFLP-12MSI-U	AFLP-15MSI-U
Thermal Printer	AFLP-TPW01 (RS-232 interface with white color) AFLP-TPB01 (RS-232 interface with black color)	
Customer Display	AFLP-CDW01 (RS-232 interface with white color) AFLP-CDB01 (RS-232 interface with black color)	
OS: Windows® CE 5.0	AFLCF-12-LXPOS-CE050 (128MB CF Card)	AFLCF-15-LXPOS-CE050 (128MB CF Card)
OS: Windows® CE 6.0	AFLCF-12-LXPOS-CE060 (128MB CF Card)	AFLCF-15-LXPOS-CE060 (128MB CF Card)
OS: Windows® XPE	AFLCF-12-LXPOS-XPE (1GB CF Card)	AFLCF-15-LXPOS-XPE (1GB CF Card)

Ordering Information

Model	Description
AFL-12BS-LXPOS/WT-R/256MB	12.1" 350 cd/m ² SVGA fanless POS PPC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11 b/g wireless module and touch screen, without POS STAND
AFL-12BX-LXPOS/WT-R/256MB	12.1" 450 cd/m ² XGA fanless POS PPC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11 b/g wireless module and touch screen, without POS STAND
AFL-15A-LXPOS/WT-R/256MB	15" 350 cd/m ² XGA fanless POS PPC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11 b/g wireless module and touch screen, without POS STAND