

AFL-15A-CX

15" XGA X86 Touch Panel PC

VIA Eden™ 500MHz / C7 1.5GHz Processor

AFL-15A-LXPOS

15" XGA X86 POS Touch Panel PC

AMD Geode LX-800 500 MHz Processor

AFL-15A-915

15" XGA Touch Panel PC

Intel® Celeron® M 1.0GHz with 512KB L2 cache Processor

AFL-15B-915

15" XGA Touch Panel PC

Intel® Pentium® M 2GHz (Max.)



AFL-315A-945

Specifications

Model	AFL-15A-LXPOS	AFL-15A-CX	AFL-15AE-CX	AFL-15A-915-R11	AFL-15AE-915-R11	AFL-15B-915-R11	AFL-15BE-915-R11
LCD Size	15"	15"		15"		15"	
Max Resolution	1024 x 768	1024 x 768		1024 x 768		1024 x 768	
Brightness (cd/m ²)	350	350	250	350	250	350	250
Contrast Ratio	700:1	700:1	600:1	700:1	600:1	700:1	600:1
LCD Color	262K	262K	16.7M	262K	16.7M	262K	16.7M
Pixel Pitch (mm)	0.297(H) x 0.297(V)	0.297(H) x 0.297(V)		0.297(H) x 0.297(V)		0.297(H) x 0.297(V)	
Viewing Angle (H-V)	140(H) / 125(V)	140(H) / 125(V)	160(H) / 160(V)	140(H) / 125(V)	160(H) / 160(V)	140(H) / 125(V)	160(H) / 160(V)
Backlight MTBF	50000 hrs	50000 hrs	40000 hrs	50000 hrs	40000 hrs	50000 hrs	40000 hrs
SBC Model	AFLMB-LXPOS	AFLMB-CX700M		AFLMB-9152		AFLMB-9152	
CPU	AMD Geode™ LX 800 (500MHz)	VIA C7 1.5GHz (with fan) VIA Eden™ 500MHz ULV		Intel® Celeron® M 1.0GHz with 512KB L2 cache Processor		Intel® Pentium® M Processor (up to 2.0GHz) Intel® Celeron® M processor	
Chipset	AMD Geode™ LX 800 + AMD Geode™ CS5536	CX700M		Intel® 915GME / 910GMLE		Intel® 915GME	
RAM	Supports one 1GB (maximum) 333MHz or 400MHz SO-DIMM	Support one 200-pin 1GB (maximum) 400MHz or 533MHz DDR II SO-DIMM		Supports two 200-pin 2GB (maximum) 400MHz or 533MHz DDR2 SO-DIMM (Operating Temperature :0°C~35°C)		Supports two 200-pin 2GB (maximum) 400MHz or 533MHz DDR2 SO-DIMM	
I/O Ports and Switches	2 x RS-232 COM port (pin9 with RI, 5v or 12V switch selectable) 1 x RJ-45 for 10/100Mbps LAN	1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 2 x Giga LAN	4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x Power Jack	1 x External SATA 1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for GbE	4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x VGA port 1 x Audio	1 x External SATA 1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for GbE	4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x VGA port 1 x Audio
SSD	CF Type II						
Watchdog Timer	Software Programmable supports 1~255 sec. System reset						
Audio	AMP 1.5W + 1.5W						
Expansion	1 x Mini PCI (Wireless LAN Module)	1 x Mini PCI (Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)		1 x PCIe mini card (802.11 b/g)(Wireless LAN Module) 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)		1 x 2.5" SATA HDD bay	
HDD Drive Bay	1 x 2.5" SATA HDD bay or Optional HSDPA Module						
Optional HSDPA Module	Yes						
Construction Material	ABS + PC Plastic front frame						
LED Function	1 x Power ON/OFF LED on front panel						
Mounting	Panel, Wall, Rack, Stand and Arm VESA 100mm x 100mm						
Front Panel Color	Silver	Silver		Silver		Silver	
Dimension (WxHxD) (mm)	394 x 309 x 61	394 x 309 x 61		394 x 309 x 61		394 x 309 x 74.6	
Operation Temperature (°C)	0°C~50°C	0°C~40°C with HDD		0°C~40°C with HDD		0°C~40°C with HDD	
Storage Temperature (°C)	-20°C~60°C	-20°C~60°C		-20°C~60°C		-20°C~60°C	
Net Weight	3.2 kg	3.2 kg		3.2 kg		5.8 Kg	
IP Level(front panel)	IP 64						
EMC	CE, FCC, CCC						
Safety	UL, CB						
Touch Screen	Resistive Type 5-Wire (touch controller IC is on board)						
Power Adapter	P/N:63000-FSP0601AD101C746-RS Power: 60W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC	P/N:63SPU65105-000-RS Power: 80W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC		P/N:63000-FSP0601AD101C746-RS Power: 60W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC		Power: 84W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC	
Power Requirement	12VDC	12VDC		12VDC		12VDC	
Power Consumption	38W	41W		41W		63W	

AFL-15B-690

15" XGA X86 Digital Signage Touch Panel PC

AMD Athlon™ 64 x 2 Dual Core processor 5200+ (Max.)

AFL-15C-9652

15" XGA Touch Panel PC

Intel® Core™2 Duo T7500 2.2GHz processor (Max.)

AFL-315A-945

15" XGA X86 KIOSK Touch Panel PC

Intel® Dual Core E2160 1.8GHz Processor

► Features

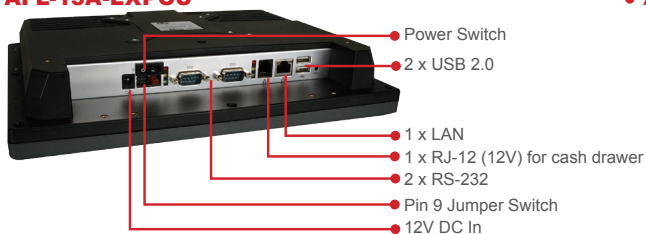
- 15" TFT LCD with resistive touch screen
- System memory up to 2 GB RAM
- Built-in CMOS camera for multimedia application (AFL-315A only)
- Built-in 802.11b/g (802.11 a/b/g/n) Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W / 3W speakers
- Optional HSDPA module for mobile connection
- One compact flash slot
- IP 64 compliant front panel



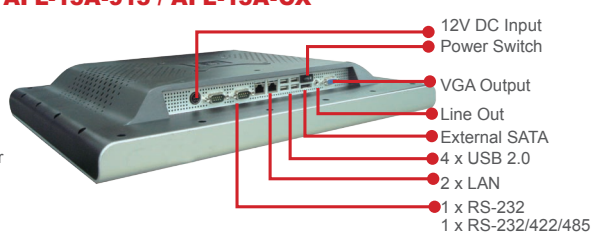
Model	AFL-15B-690	AFL-15BE-690	AFL-15C-9652	AFL-15CE-9652	AFL-315A-945	AFL-315AE-945
LCD Size	15"		15"		15"	
Max Resolution	1024 x 768		1024 x 768		1024 x 768	
Brightness (cd/m ²)	350	250	350	250	350	250
Contrast Ratio	700:1	600:1	700:1	600:1	700:1	600:1
LCD Color	262K	16.7M	262K	16.7M	262K	16.7M
Pixel Pitch (mm)	0.297(H) x 0.297(V)		0.297(H) x 0.297(V)		0.297(H) x 0.297(V)	
Viewing Angle (H-V)	140(H) / 125(V)	160(H) / 160(V)	140(H) / 125(V)	160(H) / 160(V)	140(H) / 125(V)	160(H) / 160(V)
Backlight MTBF	50000 hrs	40000 hrs	50000 hrs	40000 hrs	50000 hrs	40000 hrs
SBC Model	AFLMB-690EAM2		AFLMB-9652		AFLMB-9454	
CPU	AMD Athlon™ 64 X2 Dual-Core Processor 5200+ (max.)		Celeron® M 550 2.0 GHz CPU Core™2 Duo T7500 2.2GHz CPU		Intel® Dual Core Desktop Processor (E2160) 1.8GHz or others	
Chipset	AMD 690E		Intel® GME965 Chipset		Intel® 945G	
RAM	Supports one 200-pin 1GB(maximum) DDR2 SO-DIMM		Supports two 2.0 GB (max.) 400 MHz DDR2 SO-DIMM (system max. 4.0 GB)		DDR2 1GB support up to 4GB	
I/O Ports and Switches	1 x External SATA 1 x RS-232 COM port 1 x RS-232/422/485 COM port 2 x RJ-45 for GbE	4 x USB 2.0 1 x Power Switch 1 x Reset Button 1 x VGA port 1 x Audio	1 x VGA 1 x RS232 COM Port 1 x RS232 or 422/485 COM Port 2 x RJ-45 for Giga LAN 4 x USB 2.0	1 x Audio Port 1 x Power Switch 1 x eSATA 1 x Reset Button 1 x Power Jack	1 x 12V/24V DC Input Jack 1 PS/2 3 x RS-232 COM port 1 x RS-232/422/485 COM port 1 x RJ-45 for Gbe LAN 8 x USB 2.0	1 x 24V DC output Jack 1 x Power Switch 1 x Reset Button 1 x DVI port 1 x VGA port 1 x Line in, 1 x Line out, 1 x MIC in
SSD	CF Type II		CF Type II		CF Type II	
Watchdog Timer	Software Programmable supports 1~255 sec. System reset					
Audio	AMP 3W + AMP 3W		AMP 3W + AMP 3W		AMP 1.5W + AMP 1.5W	
Expansion	1 x PCIe mini card (802.11 a/b/g/n) (Wireless LAN Module) 1 x Bluetooth Module (internal USB interface, Bluetooth V2.0)				1 x Mini PCI (802.11 a/b/g) (Wireless LAN Module) 1 x PCIe mini card 1 x Bluetooth Module (USB Interface, Bluetooth V2.0) 1 x 2 mega pixel Camera (USB interface)	
HDD Drive Bay	1 x 2.5" SATA HDD bay		1 x 2.5" SATA HDD bay		1 x 3.5" SATA HDD or 1 x 2.5" SATA HDD	
Optional HSDPA Module	Yes		Yes		N/A	
Construction Material	ABS + PC Plastic front frame		ABS + PC Plastic front frame		ABS + PC Plastic front frame	
LED Function	1 x Power ON/OFF LED on front panel				N/A	
Mounting	Panel, Wall, Rack, Stand and Arm (VESA 100mm x 100mm)					
Front Panel Color	Silver		Gray 7539U		Black or White	
Dimension (WxHxD) (mm)	394 x 309 x 74.6		393.06 x 308.06 x 74.6		363 x 322 x 80	
Operation Temperature (°C)	0°C~40°C for HDD		0°C~40°C for HDD		0°C~45°C	
Storage Temperature (°C)	-20°C~60°C		-20°C~60°C		-20°C~60°C	
Net Weight	5.8 Kg		5.8 Kg		10.2 Kg	
IP Level(front panel)	IP 64					
EMC	CE,FCC,CCC					
Safety	UL,CB					
Touch Screen	Resistive Type 5-Wire (touch controller IC is on board)					
Power Adapter	Power: 150W Input: 90VAC~264VAC @ 50/60Hz Output:12VDC		P/N: 63000-FSP096AHB-RSPower: 96W Input: 90VAC~264VAC @ 50/60HzOutput: 12VDC		P/N: ACE-D825AH, 252W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC@15A, 24VDC@3A	
Power Requirement	12VDC		12VDC		12V and 24VDC	
Power Consumption	103W		69W (Intel® T7500, 2GB memory, 80G HDD)		102W	

► Fully Integrated I/O

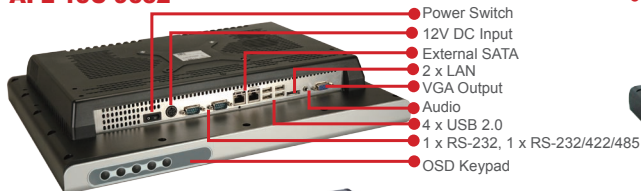
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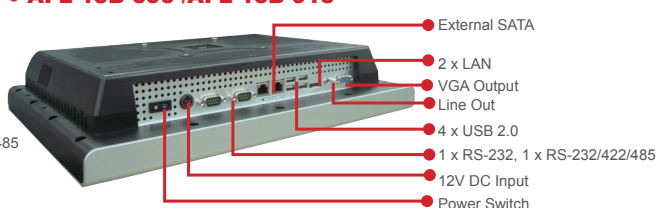
• AFL-15A-915 / AFL-15A-CX



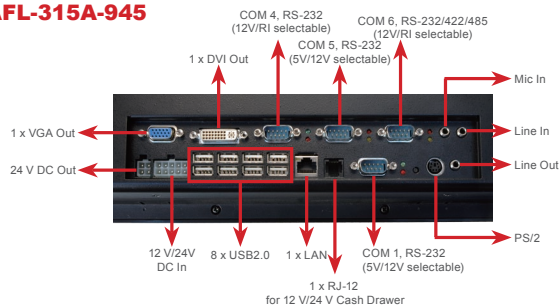
• AFL-15C-9652



• AFL-15B-690 / AFL-15B-915



• AFL-315A-945



► Ordering Information

• High Luminance Models (350 cd/m²)

Part Number	Description
AFL-15A-915-10G/WT-R/1GB-R11	15" 350cd/m ² XGA panel PC w/ Celeron® M 1.0GHz 512K cache CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-15A-CX-15GZ/WT-R/512MB	15" 350cd/m ² XGA panel PC with VIA C7 1.5GHz CPU, 512 MB DDR2 RAM, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-15A-CX-05GZ/WT-R/512MB	15" 350cd/m ² XGA fanless panel PC with VIA EDEN 500MHz CPU, 512 MB DDR2 RAM, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-15B-915-PM16G/WT-R/1GB/**(HSDPA01)-R11	15" 350cd/m ² XGA panel PC w/ Pentium® M 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-15B-915-CM370/WT-R/1GB/**(HSDPA01)-R11	15" 350cd/m ² XGA panel PC w/ Celeron® M 1.5GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-15B-690E-AM2/WT-R/1GB/**(HSDPA01)-R10	15" 350cd/m ² XGA panel PC w/ AMD Athlon 64 X2 Dual-Core 4800+ 2.5GHz CPU, 1GB DDR2 RAM, 802.11 a/b/g/n wireless module, touch screen, Bluetooth, ROHS
AFL-15C-9652-CM550/WT-R/1GB/**(HSDPA01)	15" 350cd/m ² XGA panel PC with Celeron® M 550 2.0GHz CPU, 1GB DDR2 RAM, 802.11 a/b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-15C-9652-T7500/WT-R/2GB/**(HSDPA01)	15" 350cd/m ² XGA panel PC with Core™2 Dou T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 a/b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-15A-LXPOS/WT-R/256MB	15" 350cd/m ² XGA panel PC with AMD Geode™ LX 800 CPU, 256MB DDR RAM, 802.11b/g wireless module, and touch screen, without STAND
AFL-315AB-945-E2160/WT-R/1GB-R11	15" 350cd/m ² XGA panel PC with Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, 2MP Camera, Bluetooth, black color
AFL-315AW-945-E2160/WT-R/1GB-R11	15" 350cd/m ² XGA panel PC with Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, 2MP Camera, Bluetooth, black color

• Typical Luminance Models (250 cd/m²)

Part Number	Description
AFL-15AE-915-10G/WT-R/1GB-R11	15" 250cd/m ² XGA panel PC w/ Celeron® M 1.0GHz 512K cache CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-15AE-CX-15GZ/WT-R/512MB-R10	15" 250cd/m ² XGA panel PC with VIA C7 1.5GHz CPU, 512 MB DDR2 RAM, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-15AE-CX-05GZ/WT-R/512MB-R10	15" 250cd/m ² XGA fanless panel PC with VIA EDEN 500MHz CPU, 512 MB DDR2 RAM, 802.11 b/g wireless module, touch screen, bluetooth, RoHS
AFL-15BE-915-PM16G/WTR/1GB/**(HSDPA01)-R11	15" 250cd/m ² XGA panel PC w/ Pentium® M 1.6GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-15BE-915-CM370/WTR/1GB/**(HSDPA01)-R11	15" 250cd/m ² XGA panel PC w/ Celeron® M 1.5GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, Bluetooth, RoHS
AFL-15BE-690E-AM2/WTR/1GB/**(HSDPA01)-R10	15" 250cd/m ² XGA panel PC w/ AMD Athlon 64 X2 Dual-Core 4800+ 2.5GHz CPU, 1GB DDR2 RAM, 802.11 a/b/g/n wireless module, touch screen, Bluetooth, ROHS
AFL-15C-9652-CM550/WTR/1GB/**(HSDPA01)	15" 250cd/m ² XGA panel PC with Celeron® M 550 2.0GHz CPU, 1GB DDR2 RAM, 802.11 a/b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-15C-9652-T7500/WTR/2GB/**(HSDPA01)	15" 250cd/m ² XGA panel PC with Core™2 Dou T7500 2.2GHz CPU, 2GB DDR2 RAM, 802.11 a/b/g/n wireless module, touch screen, Bluetooth, RoHS
AFL-315ABE-945-E2160/WT-R/1GB-R11	15" 250cd/m ² XGA panel PC with Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, 2MP Camera, Bluetooth, black color
AFL-315AWE-945-E2160/WT-R/1GB-R11	15" 250cd/m ² XGA panel PC with Dual-Core E2160 1.8GHz CPU, 1GB DDR2 RAM, 802.11 b/g wireless module, touch screen, 2MP Camera, Bluetooth, black color

