

AFL-07A-ATOM	7" Fanless Widescreen WVGA Touch Panel PC Intel® Atom™ N270 1.6G Processor
AFL-08AH-ATOM	8.4" Fanless SVGA High Brightness Touch Panel PC Intel® Atom™ N270 1.6G Processor
AFL-10A-ATOM	10.4" Fanless SVGA Touch Panel PC Intel® Atom™ N270 1.6G Processor
AFL-12A-ATOM	12.1" Fanless XGA Touch Panel PC Intel® Atom™ N270 1.6G Processor



Intel® Atom™ Processor on board

TDP : 2.5W!

Intel® Atom™ Processor N270 with 512KB L2 cache 1.6GHz

Benefit

- Embedded CPU makes the system more stable
- Low power consumption increase the system life-cycle

► Features

- 7"~12.1" fanless system with resistive touch screen
- System memory up to 2 GB SDRAM
- Built-in 802.11b/g Wireless LAN
- Built-in Bluetooth module
- Built-in two 1.5 W speakers
- Built-in HSDPA module for mobile connection (Optional)
- One compact flash slot
- IP 64 compliant front panel

► Specifications

450 nits High Brightness

Model	AFL-07A-ATOM	AFL-08AH-ATOM	AFL-10A-ATOM	AFL-12A-ATOM
LCD Size	7"	8.4"	10.4"	12.1"
Max Resolution	800 * 480	800 * 600	800 * 600	1024 * 768
Brightness (cd/m2)	350	450	400	400
Contrast Ratio	400:1	500:1	500:1	500:1
LCD Color	262K	262K	262K	262K
Pixel Pitch (mm)	0.1905(H) x 0.1905(V)	0.213(H) x 0.213(V)	211.2(H) x 158.4(V)	0.240(H) x 0.240(V)
Viewing Angle (H-V)	140/110	120/100	120/100	160/160
Backlight MTBF	50000 hrs	50000 hrs	50000 hrs	50000 hrs
SBC Model	AFLMB-ATOM-R10			
CPU	N270 (Atom 1.6G)			
Chipset	Intel 945GSE / ICH7M			
RAM	Supports one 2GB (maximum) 400MHz or 533MHz DDR2 SO-DIMM			
I/O Ports and Switches	1 x RS-232 2 x USB 2.0 1 x RS-232/422/485 1 x Power Switch 1 x Reset Button 2 x LAN Ports 1 x Audio Jack			
SSD	CF Type II			
Watchdog Timer	Software programmable supports 1~255 sec. System reset			
Audio	AMP 1.5W + AMP 1.5W			
Expansion	1 x Mini PCIe (Wireless 802.11 b/g LAN Module) , 1 x Bluetooth Module (USB Interface, Bluetooth V2.0)			
HDD Drive Bay	N/A	N/A	N/A	1 x 2.5" SATA HDD or HSDPA module
Optional HSDPA Module	No		Yes	
Construction Material	ABS + PC Plastic front frame			
LED Function	1 x Power ON/OFF LED on front panel			
Mounting	Panel, Wall, Rack, Stand or Arm VESA 75mm x 75mm / 100mm x 100mm			
Front Panel Color	Gray 7539U	Gray 7539U	Gray 7539U	Gray 7539U
Dimensions (WxHxD) (mm)	226 x 140 x 40.18	233.86 x 183.86 x 41.09	276 x 227 x 50.7	304 x 246 x 49.5
Operation Temperature (°C)	-10°C~50°C with CF Card			-10°C~50°C with CF Card 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	0.6 Kg	0.8 Kg	1.4 Kg	1.8 Kg
IP Level (front panel)	IP64	IP64	IP64	IP64
Safety & EMC	CE/FCC/CB/CCC			
Touch Screen	Resistive Type 4-Wire (touch controller IC is on board)		Resistive Type 5-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	P/N:63000-FSP0361AD101C-RS Power:36W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC	P/N:63000-FSP0481AD101C-RS Power:48W Input: 90VAC~264VAC @ 50/60Hz Output: 12VDC
Power Requirement	12VDC	12VDC	12VDC	12VDC
Power Consumption	23W	25W	28W	32W