

19" Wide 1440 x 900 AFOLUX Panel PC

# AFL-W19A-N270

Intel® Atom™ N270 1.6GHz Processor

**Mirror Black  
Glossy Finish**



## Features

- 19" wide screen all-in-one system with resistive touch panel
- High quality wide screen panel featuring 16:10 aspect ratio, high contrast and fast response time
- Fanless system integrated with Intel® Atom™ N270 1.6G processor for ultra low voltage
- IEEE 802.11b/g/n Wi-Fi connection
- Built-in two speakers
- Built-in capitalize technology
- Ambient light sensor detects ambient light for automated screen adjustments
- VESA-mountable for flexibility in mounting and deployment
- iSM system utility included for system settings
- Support Windows® CE, Windows® XP Embedded and Linux (optional)
- IP 64 compliant front panel
- IEI One Key Recovery solution allows you to create rapid OS backup and recovery (suggest over 4GB storage capacity)



## Specifications

Model	AFL-W19A-N270	
LCD Size	19"	
Max Resolution	1440 x 900	
Brightness (cd/m <sup>2</sup> )	250	
Contrast Ratio	1000:1	
LCD Color	16.7M	
Pixel Pitch (mm)	0.2835 (H) x 0.2835 (V)	
Viewing Angle (H-V)	170° / 160°	
Backlight MTBF	30000 hrs (LED backlight)	
SBC Model	AFLMB2-945GSE-N270-R10	
CPU	Intel® Atom™ N270 1.6GHz CPU	
Chipset	Intel® 945GSE + ICH7M	
RAM	Supports one 400MHz or 533MHz DDR2 SO-DIMM (Max. 2GB)	
I/O Ports	1 x RS-232 COM Port 1 x RS-232/422/485 COM port 2 x RJ-45 for Giga LAN 4 x USB 2.0 1 x Power Switch	1 x Reset Button 1 x Audio Port 1 x VGA Port 1 x Power Jack
Storage	CF Type II	
Watchdog Timer	Software programmable supports 1~255 sec. system reset	
Audio	AMP 1.5W + 1.5W (internal speakers)	
Camera Module	300K pixel camera (with low light function) and digital microphone	
Wireless Connection	1 x Wireless LAN 802.11b/g/n module (internal PCIe Mini card interface)	
Drive Bay	1 x 2.5" SATA HDD bay	
Construction Front Panel	ABS + PC Plastic front frame	
Membrane Keypad	LCD On/Off, Brightness Down/Up, Volume Down/Up, Lock, Ambient Light Sensor On/Off (7 keys)	
Ambient Light Sensor	Yes	
Infrared Remote Control	LCD On/Off, Brightness Up/Down, Volume Up/Down, System On/Off, Ambient Light Sensor On/Off	
Mounting	Panel, Wall, Stand and Arm VESA 100mm x 100mm	
Front Panel Color	Black C	
Dimensions (WxHxD) (mm)	475 x 259 x 65	
Operation Temperature (°C)	0°C ~40°C with HDD -10°C ~50°C with CF Card or SATA interface 2.5" SSD HDD	
Storage Temperature (°C)	-20°C ~60°C	
N/G Weight	5.8 Kg	
IP Level	IP 64 compliant front panel	
Safety & EMC	CE / FCC	
Touch Screen	5-wire resistive type (touch controller IC is on board)	
Power Adapter	P/N: 63000-FSP084D MBA1308-RS 84W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	
Power Requirement	12VDC	
Power Consumption	55W	



Membrane Keypad for System Function Control



Ambient Light Sensor



2mega pixel Camera (with Low Light Function) and Digital Microphone

## Infrared Remote Control (For AFL-W19A Series Only)



