

# AFL-12A-N26 12.1" TFT LCD Fanless Touch Panel PC



## Features Highlight

- 12.1" 1024 x 768 500nits TFT LCD Touch Screen with LED backlight
- Intel® Atom™ N2600 dual core 1.6 GHz processor
- One 800 MHz 204-pin DDR3 SO-DIMM slot(system max. 2GB) pre-installed with 2GB
- Secondary display with VGA connection
- 9-28V DC input for automation and vehicle applications
- One 2.5" SATA HDD
- Compact high capacity mSATA SSD support
- Wi-Fi 802.11b/g/n 2T2R high speed wireless
- Built-in two 2W speakers
- IP64 compliant front panel



AFL-12A-N26 is an 12.1" LED backlight fanless touch panel PC. It comes with 12.1" IP64 compliant front panel, Intel Atom N2600 1.6GHz processor, 802.11 b/g/n wireless LAN. It also supports Secondary display with VGA port, one 2.5 inch SATA HDD, one RJ-45 for RS-232 port, one RS-232/422/485 COM port, one mSATA SSD, four USB2.0 Port and dual gigabit LAN ports.

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GS-35F-0496K

# AFL-12A-N26 12.1" TFT LCD Fanless Touch Panel PC



## Specifications

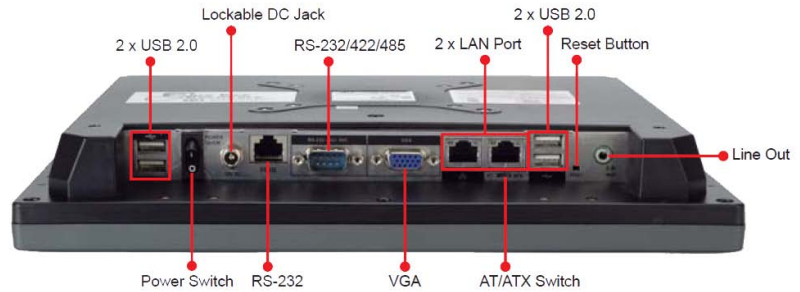
<b>Item No.</b>	<b>AFL-12A-N26</b>										
<b>Front Bezel</b>	IP64 PC + ABS plastic front frame										
<b>LCD Size</b>	12.1"										
<b>Touch Screen</b>	5-wire resistive type (touch controller IC)										
<b>Resolution</b>	1024 x 768										
<b>Brightness</b>	500 nits										
<b>Contrast Ratio</b>	700:1										
<b>LCD Color</b>	262K										
<b>Pixel Pitch(mm)</b>	0.240 (H) x 0.240 (V)										
<b>Backlight MTBF</b>	50,000 hrs (LED Backlight)										
<b>Viewing Angle(H/V)</b>	160°/160°										
<b>Chipset</b>	Intel® NM10										
<b>CPU Processor</b>	Intel® Atom™ N2600 dual Core 1.6GHz CPU										
<b>System Memory</b>	Support One 800 MHz 204-pin DDR3 SO-DIMM slot (Max. 2GB) pre-installed with 2GB										
<b>I/O Connector</b>	<table border="0"> <tr> <td>1 x 9-28V Lockable DC Jack</td> <td>4 x USB 2.0</td> </tr> <tr> <td>1 x RJ45 for RS-232</td> <td>1 x Power switch</td> </tr> <tr> <td>1 x RS-232/422/485</td> <td>1 x Reset button</td> </tr> <tr> <td>1 x VGA</td> <td>1 x AT/ATX switch</td> </tr> <tr> <td>2 x GbE LAN</td> <td>1 x Line out</td> </tr> </table>	1 x 9-28V Lockable DC Jack	4 x USB 2.0	1 x RJ45 for RS-232	1 x Power switch	1 x RS-232/422/485	1 x Reset button	1 x VGA	1 x AT/ATX switch	2 x GbE LAN	1 x Line out
1 x 9-28V Lockable DC Jack	4 x USB 2.0										
1 x RJ45 for RS-232	1 x Power switch										
1 x RS-232/422/485	1 x Reset button										
1 x VGA	1 x AT/ATX switch										
2 x GbE LAN	1 x Line out										
<b>SSD</b>	1 x 2.5" SATA HDD, 1 x mSATA SSD										
<b>Wireless</b>	IEEE 802.11b/g/n 2T2R mode WLAN (Internal PCIe Mini card interface)										
<b>Audio</b>	AMP 2W + 2W (internal speaker)										
<b>LED Function</b>	1 x Power on/off LED on front panel										
<b>Watchdog Timer</b>	Software programmable supports 1~255 sec. system reset										
<b>Power Supply</b>	60W Power Adapter Input: 90VAC~264VAC, 50/60 Hz, Output: 12VDC										
<b>Power Requirement</b>	9-28V DC										
<b>Mounting</b>	Supports Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm										
<b>Operation Temperature</b>	14°F ~ 122°F (-10°C ~ 50°C)										
<b>Storage Temperature</b>	-4°F ~ 140°F (-20°C ~ 60°C)										
<b>Dimensions(WxHxD)</b>	11.97" x 9.69" x 1.97" (304 x 246 x 50 mm)										
<b>Humidity</b>	10% to 95% (non-condensing)										
<b>Net Weight</b>	3.96 lbs(1.8kg)										

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## Detail Views

### AFL-12A-N26 Fanless Touch Panel PC I/O view



### Options

Item	AFL-W07A-N26	AFL-08A-N26	AFL-10A-N26	AFL-12A-N26
Panel Mounting Kit	AFLPK-12			
Wall Mounting Kit	AFLWK-12			
Rack Mounting Kit	AFLRK-07	AFLRK-08	AFLRK-10	AFLRK-12
Arm	ARM-11-RS / ARM-31-RS			
Stand	STAND-A08 / STAND-100-RS		STAND-A12 / STAND-100-RS	
VSTAND	VSTAND-A07	VSTAND-A10	VSTAND-A10	VSTAND-A12
OS: Win CE6.0*	AFL-W07-N26-CE060-R10	AFL-08-N26-CE060-R10	AFL-10-N26-CE060-R10	AFLSD-12-N26-CE060-8G-R10
OS: LINUX*	AFL-W07-N26-LNX-R10	AFL-08-N26-LNX-R10	AFL-10-N26-LNX-R10	AFLSD-12-N26-LNX-8G-R10
OS: Win 7 Embedded*	AFL-W07-N26-WES7E-R10	AFL-08-N26-WES7E-R10	AFL-10-N26-WES7E-R10	AFLSD-12-N26-WES7E-8G-R10
OS: Windows XP Embedded*	AFL-W07-N26-XPE-R10	AFL-08-N26-XPE-R10	AFL-10-N26-XPE-R10	AFLSD-12-N26-XPE-8G-R10
Hybrid Card Reader	AFLP-08AMSI-U		AFLP-10AMSI-U	AFLP-12AMSI-U
Magnetic Stripe Reader	AFLP-08AMSR-U		AFLP-10AMSR-U	AFLP-12AMSR-U
DC 12V Input UPS	AUPS-A10-R10 (7.4V 3800mAH)			
DC 9-36V Input UPS	AUPS-A20-R10 (7.4V 3800mAH)			
Bluetooth module	AFL-BT-KIT02-R10			AFL-BT-KIT01-R10
Lockable DC Jack to Terminal Block Converter Cable	32002-005500-100-RS			

\*OS image with CD-ROM without storage

### Packing List

Item	P/N	Q'ty	Description
Screw Pack	44013-030041-RS	4	M3; 5mm
Power Adpater	63000-FSP036RAB610-RS (36W) 63040-010060-040-RS (60W)	1	W7"8.4": 90-264V AC; 12V DC; 36W 10.4"12.1": 90-264V AC; 12V DC; 60W
Power Cord		1	1800mm; European Standard (EU or US, depending on the shipment country)
Utility CD		1	
Touch Pen		1	
One Key Recovery CD		1	

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## Mechanical Drawing

