

12.1" XGA AFOLUX Panel PC

AFL-12A-N26

Intel® Atom™ N2600 1.6GHz Processor



Features

- 12.1" TFT LED backlight LCD with resistive touch screen
- Fanless cooling system
- 9V~28V wide range DC power input (for Intel® N2600 platform)
- Selectable AT/ATX power mode through the switch inside the chassis
- One CompactFlash® slot
- 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-12A-N26	
LCD Size	12.1"	
Max Resolution	1024 x 768	
Brightness (cd/m ²)	500	
Contrast Ratio	700 : 1	
LCD Color	262K	
Pixel Pitch (mm)	0.240 (H) x 0.240 (V)	
Viewing Angle (H-V)	160° / 160°	
Backlight MTBF	50000 (LED Backlight)	
SBC Model	AFLMB-CV-N2600-R10	
CPU	Intel® Atom™ N2600 dual core 1.6 GHz CPU	
Chipset	Intel® NM10	
RAM	One 800 MHz 204-pin DDR3 SO-DIMM slot (Max. 2GB) pre-installed with 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 External SATA 1 x Audio Port 1 x Power Jack	1 x 9-28V lockable DC Jack 1 x RJ-45 for RS-232 1 x RS-232/422/485 1 x VGA 2 x GbE LAN 4 x USB 2.0 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x Line out
Storage	mSATA	
Watchdog Timer	Software programmable supports 1~255 sec. system reset	
Audio	AMP 2W + 2W (internal speaker)	
Wireless Connection	Wireless LAN 802.11b/g/n Module (internal PCIe Mini card interface) Telec certified	
Drive Bay	1 x 2.5" SATA HDD & 1 x mSATA SSD	
Construction Front Panel	ABS + PC Plastic front frame	
LED Function	1 x Power on/off LED on front panel	
Mounting	Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm / 100mm x 100mm	
Front Panel Color	Gray 7539U	
Dimensions (WxHxD) (mm)	304 x 246 x 50	
Operation Temperature (°C)	-10°C~50°C	
Storage Temperature (°C)	-20°C ~ 60°C	
N/G Weight	1.8 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: 63040-010060-120-RS 60W Power Adapter (Meet PSE) Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	
Power Requirement	9-28V DC	
Power Consumption	32W	

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IEIMobile Solutions

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Automation Panel Solutions

3

Healthcare Panel PC Solution

4

Industrial System

5

ORing Network Communication

6

Automation Control

7

Optional Peripherals

Ordering Information

Part Number	Description
AFL-12A-N26/R/2G-R11	12.1" 500cd/m ² , XGA fanless panel PC with Intel® Atom™ cedarview N2600 dual core 1.6GHz, 802.11b/g/n wireless module, touch screen, 2GB DDR3, R11

ISMM Supported Functions

	Voltage	Fan	Smart Fan	Temperature	DIO	WDT	Cash Drawer
AFL-12A-N26	V			V		V	

Packing List

Item	Part Number	Q'ty	Specification
Screw Pack	44013-030041-RS	4	M3; 5mm
Power Adpater	63040-010060-120-RS 63040-010060-130-RS	1	90~264V AC; 12V DC; 60W (for N2600) (Meet PSE)
Power Cord	32000-000002-RS	1	1750mm; European Standard
Utility CD	7B000-000087-RS	1	
Touch Pen	43125-0002C0-00-RS	1	
One Key Recovery CD		1	
RJ45 to RS-232 Transfer Cable	32005-000200-200-RS	1	300MM; RJ45 to RS-232 transfer cable

Options

Model	AFL-12A-N26
Panel Mounting Kit	AFLPK-12
Wall Mounting Kit	AFLWK-12
Rack Mounting Kit	AFLRK-12
Arm	ARM-11-RS / ARM-31-RS
Stand	STAND-A12-RS / STAND-100-RS
VSTAND	VSTAND-A12
9~30VDC to 12VDC Converter Module	IDD-930160-KIT
OS: Win XPE (1 GB CF card)	AFL-W07-N26-XPE-R11*
OS: Win 7 Embedded (4 GB CF card or CD-ROM)	AFL-W07-N26-WES7E-R11*
Magnetic Stripe Reader	AFLP-12AMSR-U
DC 12V Input UPS	AUPS-A10-R10 (7.4V 3800mAH)
DC 9~36V Input UPS	AUPS-A20-R10 (7.4V 3800mAH)
DC jack to terminal block power converter cable	32002-005500-100-RS

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IEMobile
Solutions

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Automation
Panel
Solutions

3
Healthcare
Panel PC
Solution

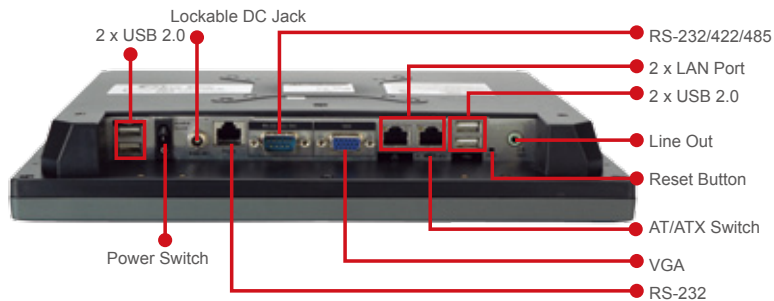
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Industrial
System

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ORing
Network
Communication

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Automation
Control

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Optional
Peripherals

AFL-12A-N26 Fully Integrated I/O



Dimensions (Unit: mm)

