

AFL-W07A-N26

Intel® Atom™ Processor N2600 1.60 GHz

AFL-08A-N26

Intel® Atom™ Processor N2600 1.60 GHz



Features

- 7"/ 8.4"/ 10.4"/ 12.1" fanless system features dual core Intel® Atom™ N2600 processor at 1.6GHz with pre-installed 2GB DDR3
- Secondary display with VGA connection
- 9-28V DC input for automation and vehicle applications
- Compact high capacity mSATA SSD support
- IP64 front panel compliant



Specifications

Model		AFL-W07A-N26	AFL-08A-N26
TFT LCD	Size	Wide 7"	8.4"
	Resolution	800 x 480	800 x 600
	Brightness (cd/m ²)	500	450
	Contrast Ratio	400:1	600:1
	LCD Color	262K	262K
	Pixel Pitch (mm)	0.0635 (H) x 0.1905 (V)	0.213 (H) x 0.213 (V)
	Viewing Angle (H-V)	140° / 110°	160° / 140°
	Backlight MTBF	50000 hrs (LED Backlight)	50000 hrs (LED Backlight)
System	CPU	Intel® Atom™ N2600 dual core 1.6 GHz CPU	
	Chipset	Intel® NM10	
	RAM	One 800 MHz 204-pin DDR3 SO-DIMM slot (max. 2G) pre-installed with 2GB	
	Ethernet	Realtek RTL8111E PCIe GbE controller support ASF2.0	
	Input / Output	1 x 9-28V Lockable DC Jack 1 x RJ45 for RS-232 1 x RS-232/422/485 1 x VGA 2 x GbE LAN	2 x USB 2.0 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x Line out
	Storage	1 x mSATA SSD	1 x mSATA SSD
	Watchdog Timer	Software programmable supports 1~255 sec. system reset	
	Audio	AMP 2W + 2W (internal speaker)	
LED Function	1 x Power on/off LED on front panel		
Touch Screen	4-wire Resistive Type (touch controller IC is on board)		
Wireless	IEEE 802.11b/g/n 2T2R mode WLAN (internal PCIe Mini card interface)		
Physical	Construction Material	ABS + PC Plastic front frame	
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm	
	Front Panel Color	Gray 7539U	
	Net Weight	0.6 Kg	0.8 Kg
	Dimensions (WxHxD) (mm)	226 x 140 x 41	234 x 184 x 42
Environment	Operation Temperature (°C) (Ambient with air flow)	-10°C~50°C	
	Storage Temperature (°C)	-20°C~60°C	
	Humidity	10% to 95% (non-condensing)	
	IP Level	Front Frame IP64	
Power	Power Adapter	P/N: 63000-FSP036RAB610-RS 36W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	
	Power Requirement	9-28V DC	

AFL-10A-N26

Intel® Atom™ Processor N2600 1.60 GHz

AFL-12A-N26

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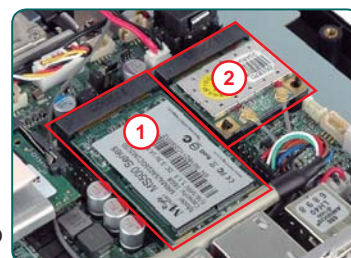
Advanced Features

(1) PCIe mini card slot compatible with mSATA and PCIe mini device

IEI patented PCIe mini interface provides PCIe x 1 and USB signals such as PCIe mini SSD and wireless LAN card for full-size or half-size devices!

(2) Enhanced 2T2R MIMO Technology

Preinstalled 2.4GHz 802.11b/g/n WiFi module supports 2Tx/2Rx 2-stream MIMO to enable data rates up to 300Mbps for a 40MHz channel!



Specifications

Model		AFL-10A-N26	AFL-12A-N26	
TFT LCD	Size	10.4"	12.1"	
	Resolution	800 x 600	1024 x 768	
	Brightness (cd/m ²)	400	500	
	Contrast Ratio	700:1	700 : 1	
	LCD Color	262K	262K	
	Pixel Pitch (mm)	0.264 (H) x 0.264 (V)	0.240 (H) x 0.240 (V)	
	Viewing Angle (H-V)	160° / 140°	160° / 160°	
	Backlight MTBF	50000 hrs (LED Backlight)	50000 (LED Backlight)	
System	CPU	Intel® Atom™ N2600 dual core 1.6 GHz CPU		
	Chipset	Intel® NM10		
	RAM	One 800 MHz 204-pin DDR3 SO-DIMM slot (max. 2G) pre-installed with 2GB		
	Ethernet	Realtek RTL8111E PCIe GbE controller support ASF2.0		
	Input / Output	1 x 9-28V Lockable DC Jack 1 x RJ45 for RS-232 1 x RS-232/422/485 1 x VGA 2 x GbE LAN	2 x USB 2.0 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x Line out	1 x 9-28V Lockable DC Jack 4 x USB 2.0 1 x Power switch 1 x Reset button 1 x AT/ATX switch 1 x Line out
	Storage	1 x mSATA SSD	1 x 2.5" SATA HDD & 1 x mSATA SSD	
	Watchdog Timer	Software programmable supports 1~255 sec. system reset		
	Audio	AMP 2W + 2W (internal speaker)		
LED Function	1 x Power on/off LED on front panel			
Touch Screen	5-wire resistive type (touch controller IC)			
Wireless	IEEE 802.11b/g/n 2T2R mode WLAN (internal PCIe Mini card interface)			
Physical	Construction Material	ABS + PC Plastic front frame		
	Mounting	Panel, Wall, Rack, Stand and Arm VESA 75mm x 75mm/ 100mm x 100mm		
	Front Panel Color	Gray 7539U		
	Net Weight	1.4 Kg	1.8 Kg	
	Dimensions (WxHxD) (mm)	276 x 222 x 51	304 x 246 x 50	
Environment	Operation Temperature (°C) (Ambient with air flow)	-10°C~50°C		
	Storage Temperature (°C)	-20°C~60°C		
	Humidity	10% to 95% (non-condensing)		
	IP Level	Front Frame IP64		
Power	Power Adapter	P/N: 63040-010060-040-RS 60W Power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC		
	Power Requirement	9-28V DC		

Ordering Information

Part No.	Description
AFL-W07A-N26/R/2G-R10	7" 500cd/m ² , WVGA fanless panel PC with Intel® Atom™ cedarview N2600 dual core 1.6GHz, 802.11b/g/n wireless module, touch screen, 2GB DDR3, R10
AFL-08A-N26/R/2G-R10	8.4" 450cd/m ² , SVGA fanless panel PC with Intel® Atom™ cedarview N2600 dual core 1.6GHz, 802.11b/g/n wireless module, touch screen, 2GB DDR3, R10
AFL-10A-N26/R/2G-R10	10.4" 400cd/m ² SVGA fanless panel PC with Intel® Atom™ cedarview N2600 dual core 1.6GHz, 802.11b/g/n wireless module, touch screen, 2GB DDR3, R10
AFL-12A-N26/R/2G-R10	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, R10

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	

Fully Integrated I/O

AFL-W07A-N26
AFL-08A-N26
AFL-10A-N26

AFL-12A-N26

