AFL3-W07A-BT



Dual-core Intel® Celeron® N2807

Features

- 7-inch HD 1024 x 600
- Flat screen with 6H projected capacitive touch supports multitouch function
- 9V~30V wide range DC power input
- Fanless cooling system with dual-core Intel® Celeron® N2807 processor 1.58 GHz
- 2GB DDR3L Onboard RAM
- Built-in 802.11a/b/g/n/ac wireless LAN
- Landscape and portrait screen modes support different applications
- Front panel is compliant with IP65 protection standard











HD High Performance Interactive System

The AFL3-W07A-BT has a 7-inch display with HD 1024 x 600 pixels and is pre-installed with a high-performance Celeron® N2807 CPU, which is a dual-core processor that comes with 1 MB L2 cache and 1.58 GHz base clock. The SoC has 2.17 GHz maximum burst frequency, which pumps up its frequency to complete tasks faster suitable for industrial computing. Benefits include:

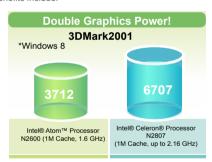
- Support fan-less design
- Green memory: low voltage DDR3L supports up to 4 GB
- New graphic performance

The latest Intel® Atom™ processor includes a 7th generation Intel® GPU with burst technology to provide a stunning graphics and media experience. Seamless video playback is supported by a high performance and low power hardware acceleration of media encode and decode.

- 3D graphics hardware acceleration including support for DirectX*11, OCL 1.2, OGL ES Halti/2.0/1.1, OGL 3.2
- Video decode hardware acceleration including support for H.264, MPEG2, MVC, VC-1, WMV9 and VP8 formats
- Video encode hardware acceleration including support for H.264, MPEG2 and MVC formats



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		AFL-W07A-N26	AFL3-W07A-BT	
Core Functionality		Intel® Atom™ processor N2600 (1M cache, 1.6 GHz)	Intel® Celeron® processor N2807 (1M cache, up to 1.58 GHz)	
Process Technology		32-nm	22-nm	
Memory Technology		DDR3 800 up to 2GB	2GB DDR3L onboard	
Touch Technology		4-wire resistive touch screen	PCAP touch screen with multi-touch function	
Panel Technology	Resolution	WVGA 800 x 480	HD 1024 x 600	
	Viewing Angles	140° / 110°	150° / 145°	
Power Requirements		9~28V DC	9~30V DC	
IP Rating		IP64	IP65	
Dimensions (LxW) (mm)		226 x 140	190 x 127	

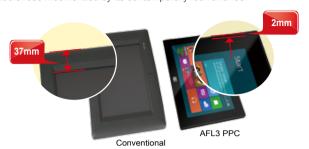




AFL3-W07A-BT-2014-V12

2 mm Narrow Bezel for Seamless View

Nothing shows sophistication like a display with a thin bezel. The AFL3 PPC has gone one step further with a narrower bezel and will simply have audiences mesmerized by its contemporary look and feel.



Compact All-in-one Unit for Easy Installation in Small Spaces

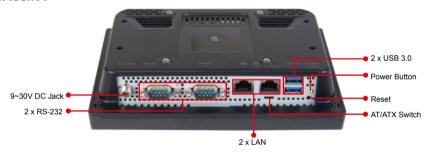
The compact slim AFL3 PPC is secured in light weight plastic housing with IP65 certified front panel. The compact size is designed for small-size operator interface applications, such as factory HMI, home automation terminal and digital signage.

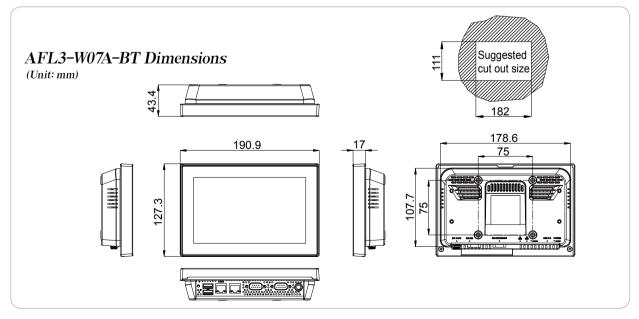
Easy Assembly





Rich I/O Interface





AFL3-W07A-BT-2014-V12



Specifications

Size 7" Resolution 1024 x 600 1224 x 600 1024	Mod	el	AFL3-W07A-BT	
Description Paris		Size	7"	
Contrast Ratio 700:1 Pixel Pitch (mm)		Resolution	1024 x 600	
Contrast Ratio 700-1 Puke Pikch (mm) 0.05(Hy 0.15(V) Vewing Angle (H-V) 150° / 145° Touch Corroller EETT EXC7200 Touch Corroller EETT EXC7200 Touch Corroller EETT EXC7200 RAM 2GB DDR34, Obboard RAM Ethemet Realtek RTL8111E PCIe GBE controller Audio Codec Realex ALC892 HD Audio codec Storage 1 x R5-232 COM port 2 x USB 3.0 2 x Gigable Ethemet ports (RJ-45) 1 x R9-232 COM port 2 x USB 3.0 2 x Gigable Ethemet ports (RJ-45) 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Line-out 1 x Power switch 1 x Reset button 1 x ATATX switch 1 x Reset button 1 x Reset butt	1.00	Brightness (cd/m²)	500	
Viewing Angle (H-V) 150" / 145" Touch Screen projected capacitive type with USB interface Touch Controller EETT EXC7200 CPU	LCD	Contrast Ratio	700:1	
Touch Screen Projected capacitive type with USB interface		Pixel Pitch (mm)	0.05(H) x 0.15(V)	
Touch Controller		Viewing Angle (H-V)	150° / 145°	
Touch Controller SETT EXCT200 CPU Intel® Celeror N2807 dual core 1.58 GHz RAM 2GB DR3L Onboard RAM Etheret Realtek RTL8111E PCle GBE controller Audio Codec Realtek AL C882 HD Audio codec Storage mSATA STATA STATA STATA STATA STATA STATA STATA STATA STATA Input/Output Input/Out	Taurah	Touch Screen	projected capacitive type with USB interface	
RAM 2GB DDR3L Onboard RAM Ethernet Reallek RTL 81112 Pick GbE controller Audio Codec Realtek AL C892 HD Audio codec System mSATA System In x RS-232 COM port 1 x RS-232 COM port 2 x USB 3.0 2 x Gigabit Ethernet ports (RJ-45) Input/Output 1 x Power switch 1 x Power switch 1 x Power switch 1 x RF witch 1 x RF wit	Touch	Touch Controller	EETI EXC7200	
Ethernet		CPU	Intel® Celeron® N2807 dual core 1.58 GHz	
System Audio Codec Realtek ALC892 HD Audio codec System Storage n x RS-232 COM port 1 x RS-232 COM port 1 x RS-232 COM port 2 x USB 30, 2 x Sigabit Ethernet ports (RJ-45) Input/Output 1 x Power switch 1 x Power switch 1 x Power switch 1 x Reset button 1 x ATTATX switch 1 x LINE-out 1 x V Y-30 V lockable DC jack Audio 1 x APP 2W (internal speaker) System Cooling Fanies Wireless Fanies Mounting Wall, Panel Stand, Rack Mounting (VESA 75 mm x 75 mm) Physical Color Black Nounting (VESA 75 mm x 75 mm) Mounting Wall, Panel Stand, Rack Mounting (VESA 75 mm x 75 mm) Pupisical Piperature (*C) 190 x 127.3 x 43.4 Cut-out(WxH)(mm) 190.9 x 127.3 x 43.4 Generaling Temperature (*C) 20°C-50°C (Ambient with air flow) 20°C-60°C (Ambient with air flow) 190.9 x 127.3 x 43.4 Environment Huidity 190.9 x 127.3 x 43.4 Environment		RAM	2GB DDR3L Onboard RAM	
System System Storage		Ethernet	Realtek RTL8111E PCIe GbE controller	
System S		Audio Codec	Realtek ALC892 HD Audio codec	
System 1 x RS-22 COM port 2 x USB 3.0 2 x Gigabit Ethernet ports (RJ-45) 2 x Gigabit Ethernet ports (RJ-45) 1 x Power switch 1 x Power switch 1 x Reset button 1 x ATI/ATX switch 1 x Line-out 1 x ATI/ATX switch 1 x Line-out 1 x ATI/ATX switch 1 x Line-out 1 x AMP 2W (internal speaker) Audio Tax AMP 2W (internal speaker) System Cooling Fanless Wireless IEEE 802.11a/b/g/n/ac 1T1R module Postruction Front Bezel PC + ABS plastic Mounting Wall, Panel, Stand, Rack Mounting (VESA 75 mm x 75 mm) Physical Black Olor Black Dimensions (WxHxD)(mm) 190.9 x 127.3 x 43.4 Cut-out(WxH)(mm) 182 x 111 Operating Temperature (°C) (Ambient with air flow) 2°C-C-60°C Storage Temperature (°C) (Ambient with air flow) 2°C-C-60°C Storage Temperature (°C) (Ambient with air flow) 10% to 95% (non-condensing) IP Level IP65 front Safety/EMC CE/FCC Net Weight (kgs) 0.73 Power Supply P/N: 63000-FSP036RAB610-RS 36W power Adapter Input: 12VDC		Storage	mSATA	
System Cooling Fanless Wireless IEEE 802.11a/b/g/n/ac 1T1R module Construction Front Bezel PC + ABS plastic Mounting Wall, Panel, Stand, Rack Mounting (VESA 75 mm x 75 mm) Physical Color Black Dimensions (WXHxD)(mm) 190.9 x 127.3 x 43.4 Cut-out/WXH)(mm) 190.9 x 127.3 x 43.4 Cut-out/WXH)(mm) 182 x 111 Operating Temperature (°C) -20°C~50°C (Ambient with air flow) -20°C~50°C (Ambient with air flow) -20°C~60°C Environment Humidity 10% to 95% (non-condensing) IP Level IP Level IP Expression Safety/EMC CE/FCC Net Weight (kgs) -0,73 Power Power Supply Power Supply P/N: 63000-FSP036RAB610-RS 36W power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	System	Input/Output	1 x RS-232 COM port 2 x USB 3.0 2 x Gigabit Ethernet ports (RJ-45) 1 x Power switch 1 x Reset button 1 x ATJATX switch 1 x Line-out	
Wireless IEEE 802.11a/b/g/n/ac 1T1R module Construction Front Bezel PC + ABS plastic Mounting Wall, Panel, Stand, Rack Mounting (VESA 75 mm x 75 mm) Physical Color Black Dimensions (WxHxD)(mm) 190.9 x 127.3 x 43.4 Cut-out(WxH-)(mm) 182 x 111 Operating Temperature (°C) (Ambient with air flow) -20°C~50°C Storage Temperature (°C) -20°C~60°C Environment Humidity 10% to 95% (non-condensing) IP Level IP65 front Safety/EMC CE/FCC Net Weight (kgs) 0.73 Power P/N: 63000-FSP036RAB610-RS 36W power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	Audio		1 x AMP 2W (internal speaker)	
Construction Front Bezel	System Cooling		Fanless	
Mounting Wall, Panel, Stand, Rack Mounting (VESA 75 mm x 75 mm)	Wireless		IEEE 802.11a/b/g/n/ac 1T1R module	
Physical Color Black Dimensions (WxHxD)(mm) 190.9 x 127.3 x 43.4 Cut-out(WxH)(mm) 182 x 111 Operating Temperature (°C) (Ambient with air flow) -20°C~50°C Storage Temperature (°C) -20°C~60°C Environment Humidity 10% to 95% (non-condensing) IP Level IP65 front Safety/EMC CE/FCC Net Weight (kgs) 0.73 Power P/N: 63000-FSP036RAB610-RS 36W power Adapter Input: 90/AC~264VAC, 50/60Hz Output: 12VDC		Construction Front Bezel	PC + ABS plastic	
Dimensions (WxHxD)(mm)		Mounting	Wall, Panel, Stand, Rack Mounting (VESA 75 mm x 75 mm)	
Cut-out(WxH)(mm) 182 x 111 Operating Temperature (°C) (Ambient with air flow) -20°C~50°C Storage Temperature (°C) -20°C~60°C Environment Humidity 10% to 95% (non-condensing) IP Level IP65 front Safety/EMC CE/FCC Net Weight (kgs) 0.73 P/N: 63000-FSP036RAB610-RS 36W power Adapter 36W power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC Output: 12VDC	Physical	Color	Black	
Operating Temperature (°C)		Dimensions (WxHxD)(mm)	190.9 x 127.3 x 43.4	
Ambient with air flow) Storage Temperature (°C) -20°C-60°C -20°		Cut-out(WxH)(mm)	182 x 111	
Environment Humidity 10% to 95% (non-condensing) IP Level IP65 front Safety/EMC CE/FCC Net Weight (kgs) 0.73 P/N: 63000-FSP036RAB610-RS 36W power Adapter Input: 90/AC-264VAC, 50/60Hz Output: 12VDC			-20°C~50°C	
P Level IP65 front		Storage Temperature (°C)	-20°C~60°C	
Safety/EMC CE/FCC Net Weight (kgs) 0.73 Power Supply P/N: 63000-FSP036RAB610-RS 36W power Adapter Input: 90VAC~264VAC, 50/60Hz Output: 12VDC	Environment	Humidity	10% to 95% (non-condensing)	
Net Weight (kgs) 0.73 P/N: 63000-FSP036RAB610-RS 36W power Adapter Power Input: 90VAC~264VAC, 50/60Hz Output: 12VDC Output: 12VDC		IP Level	IP65 front	
P/N: 63000-FSP036RAB610-RS 36W power Adapter Power Supply Input: 90VAC~264VAC, 50/60Hz Output: 12VDC		Safety/EMC	CE/FCC	
Power Supply 36W power Adapter Power Unput: 90VAC~264VAC, 50/60Hz Output: 12VDC		Net Weight (kgs)	0.73	
Power Requirement 9 V-30 V DC	Power	Power Supply	36W power Adapter Input: 90VAC~264VAC, 50/60Hz	
		Power Requirement	9 V–30 V DC	

Options

Item	P/N	Description
Panel mounting kit	AFL2PK-08A	
Wall mounting kit	AFLWK-12	
Rack mounting kit	AFL3RK-W07A-R10	
Stand	STAND-B08/STAND-C12-R10	
V-stand	VSTAND-A07-R11	
DC jack to terminal block power converter cable	32002-005500-100-RS	100 mm (A) terminal block, 2P P=5.0(B) Lockable DC plug
OS: Win 8 Embedded (DVD-ROM)	AFL3-W07A-BT-WE8S-R10	
OS: Win 7 Embedded (DVD-ROM)	AFL3-W07A-BT-WES7P-R10	

Packing List

Item	P/N	Q'ty	Description
Utility CD			
Power adapter	63000-FSP036RAB610-RS		36W Power Adapter ;Input: 90VAC~264VAC, 50/60Hz; Output: 12VDC
Power cord	32702-000400-200-RS		Power cord 3P European 250 V 16 A 1.8 m

Ordering Information

ı	Part No.	Description
,	AFL3-W07A-BT-N1/PC/2G-R10	7" 500 cd/m² 1024x600 HD fanless panel PC with Intel® Celeron® N2807 dual core 1.58 GHz, 802.11a/b/g/n/ac wireless module, projected capacitive touch screen, on-board 2GB DDR3L RAM, R10