

FWA-1330

Tabletop Intel® Bay Trail Processors-based Platform with 4 GbE LAN Ports



Features

- Supports Intel® Celeron® N2807/J1900 Processor
- One DDR3L 1333/1600 SODIMM, up to 4 GB
- Four GbE LAN ports with 2 segments LAN bypass
- One mSATA Slot
- Supports One fixed 2.5" SATA HDD
- One Mini-PCIE slot



Introduction

Conceived as a powerful but low power consumption Tabletop Internet security platform, the FWA-1330 series was specifically designed for mainstream IDS/IPS, Anti-virus, VPN gateway and Unified Threat Management (UTM) applications. The FWA-1330 adopts the latest Intel Bay Trail processor. This supports up to 4 GB of Single-channel DDR3L 1333/1600 SDRAM on one SODIMM. The platform reserves space for one 2.5" SATA HDD and one mSATA slot for storing or upgrade OS and other network security applications. The platform has four PCIe x 1 lanes connected directly to the Intel I211-AT Ethernet controllers to offer 4 ports of Gigabit Ethernet at wire speed. For easy access, the rear panel also includes an RJ-45 console port, two USB ports and a VGA port for local system management, maintenance and diagnostics. Moreover, the FWA-1330B is designed with the fanless cooling for low noise environment requirement. It is FCC, CE, UL, CCC and RoHS compliant.

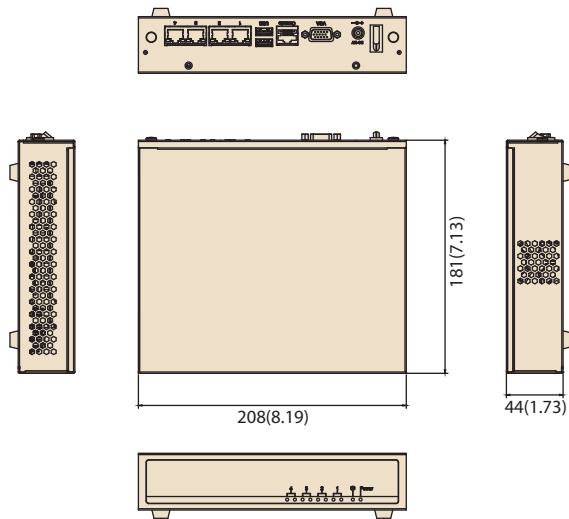
Specifications

Processor System	CPU	Intel Celeron N2807	Intel Celeron J1900
	Max. Speed	1.58 GHz (2 Cores)	2.0 GHz (4 Cores)
	L2 Cache	1 MB	2 MB
	BIOS	AMI 16 Mbit SPI	
Memory	Technology	1x DDR3L 1333/1600 SODIMM	
	Capacity	Up to 4 G	
Ethernet	Gigabit Ethernet	4 x Intel I211-AT Gigabit Ethernet Controllers	
	LAN Bypass	Up to 2 segments (Optional)	
Expansion	Mini PCIE	1 x Mini PCIE Slot (Half Size, USB Interface Default, PCIE Interface Option)	
Storage	SATA	1 x SATA connector Support one 2.5" SATA HDD x 1 (FWA-1330A only)	
	mSATA	1 x mSATA Slot (Half Size or Full Size)	
Peripherals	USB	2 x USB 2.0 (one USB 3.0 Optional)	
	Serial	1 x RS-232 console ports (RJ45 connector)	
	VGA Ports	1 x VGA Ports on Rear panel	
	Pin Header	PS/2, VGA, GPIO, Reset and COM	
Front LED	Power LED	1 (Green)	
	HDD LED	1 (Amber)	
	LAN LED	4 pairs (Speed and Status)	
Power	Watt	Adapter 40W 12V	
	Input	100-240 V _{AC} , auto range	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40° C (32 ~ 104° F)	-20 ~ 75° C (-4 ~ 167° F)
	Humidity	5 ~ 85 % @ 40° C (104° F)	5 ~ 95 %
Physical Characteristics	Dimensions (W x H x D)	208 x 181 x 44 mm (8.19" x 7.13" x 1.73")	
	Weight	1.8 kg (3.96 lb)	

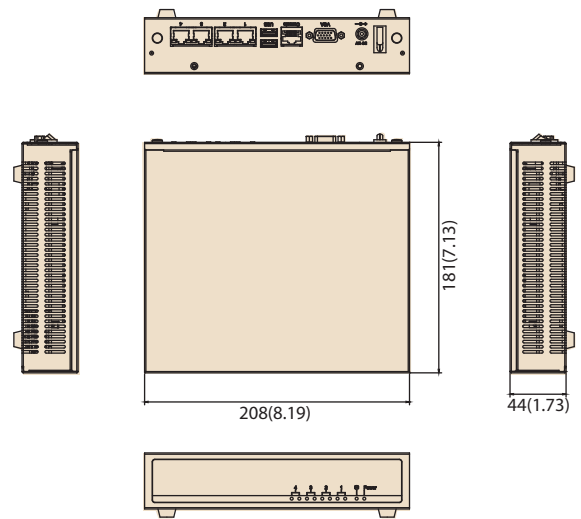
Dimensions

Unit: mm (inch)

FWA-1330A



FWA-1330B



Ordering Information

Part Number	Processor	LAN	LAN Bypass	Cooling
FWA-1330A-01E	J1900	4	2 Segments	1 Smart Fan
FWA-1330B-00E	N2807	4	2 Segments	Fanless

Packing List

Part Number	Description
96PSA-A40W12V3-1	Adapter AC 100-240V 40W 12V
1700018950	Console cable D-sub 9-pin 2 m
1700018155	PS/2 Keyboard/Mouse Cable 20CM
1700012272	SATA Data Cable

Accessories

Part Number	Description
1702002600	3P 180 cm, USA
1702002605	3P 180 cm, Europe
1702031801	3P 180 cm, UK
1700000237	3P 180 cm, JP
1700009652	3P 180 cm, China

Front View



Rear View

