FWA-60A

Tabletop Internet Security Platform with 3 Rear LAN Ports and PCI Expansion Slot

Features

- Compact tabletop Internet security platform
- Socket 370 Intel® Pentium® III/Celeron® up to 1.26 GHz
- One 32-bit/33 MHz PCI expansion slot
- Three 10/100 Fast Ethernet ports
- Console port for local setting
- Seven LED indicators show the status of 3 LANs and power
- Hard drive mounting bracket for slim type 2.5" drive
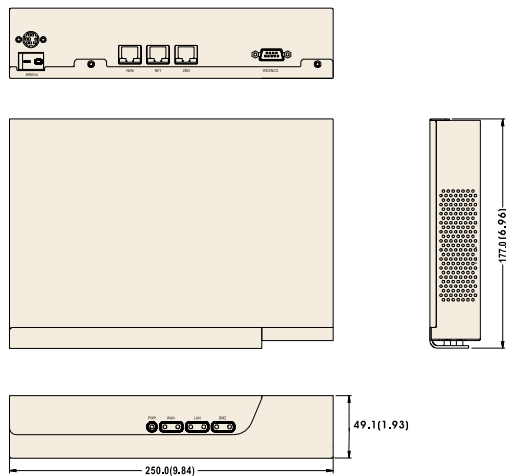
CE FCC

Introduction

The FWA-60A is a compact yet powerful Internet security platform that is specifically designed for Internet secure connectivity. Designed with the Intel Celeron and Pentium III (Tualatin) 1.26 GHz processor or 1 PCI slot (if PCI slot is occupied, only Celeron 566 MHz is supported), it has low power consumption and high performance that meets Internet security appliance requirements. The system supports CompactFlash for use in installing OS and Internet security applications. This prevents service disruption caused by hard disk mechanical/magnetic failures. In addition, the FWA-60A can support system memory up to 512 MB SDRAM. Both CompactFlash and SDRAM can be accessed and replaced for software upgrades through an easily removable cover. Designed with the Plug-and-Serve concept in mind, the FWA-60A offers three 10/100 Mbps auto-sensing Fast Ethernet ports on the back panel. There are seven LED indicators on the front panel display that monitor power status, LAN activities and LAN links. For easy access, the back panel has a 9-pin, RS-232 serial port for local system management, maintenance and diagnostics. The FWA-60A has a place reserved for an optional slim-type 2.5" IDE HDD. It is FCC and CE compliant.

Specifications

Processor System	CPU	Intel Pentium III (Tualatin)	Intel Celeron
	Max. Speed	1.26 GHz	566 MHz with one PCI slot
	L2 Cache	512/256 KB	256/128 KB
	Chipset	Intel 815E	
	BIOS	Award 4 Mb Flash	
Memory	Technology	PC-133 SDRAM	
	Max. Capacity	512 MB	
	Socket	144-pin SO-DIMM	
Ethernet	Interface	10/100Base-TX	
	Controller	Intel 82559ER x 3	
	Connector	RJ-45 x 3	
Expansion	PCI	32-bit/33 MHz x 1	
Drive Bay	2.5" HDD	1 (optional)	
Cooling	Fan	2 (5 CFM/each)	
	Blower	1 (4 CFM)	
Management	Console	RS-232 x 1	
Miscellaneous	Control	Power switch	
	Indicators	7 LEDs for 3 LANs and power on the front panel	
	CompactFlash Socket	1	
Adapter Power Requirement	Input	AC/DC 90 ~ 264 V @ 47 ~ 63 Hz, full range	
	Output	40 W	
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)	250 x 49.1 x 177 mm (9.8" x 1.93" x 6.9")	
	Weight	1.2 Kg (2.6 lb)	

Note: If using Intel Pentium III processor, please install the blower in accessory box
If using Intel Celeron processor, you don't need to install the blower in accessory box
If using Intel Pentium III processor, neither riser card nor 2.5" IDE HDD can be installed

Industrial Motherboards **1**

Industrial Motherboard Chassis **2**

PICMG Single Board Computers **3**

Industrial Computer Chassis **4**

Industrial Computer Peripherals **5**

6U CompactPCI Enclosures **6**

6U CompactPCI Boards **7**

6U CompactPCI I/O **8**

6U CompactPCI Accessories **9**

3U CompactPCI Systems **10**

Internet Security Platforms **11**

Network Application Ready Platforms **12**

Dimension Diagram

177.0 (6.96)

49.1 (1.93)

250.0 (9.84)

Unit: mm (inch)

Ordering Information

Part Number	Processor	LAN	AC Adapter	CompactFlash	SDRAM	HDD Drive
FWA-60A	--	3	40 W	--	--	--

Packing List

Part Number	Description
1701440155	IDE HDD flat cable 44P
1701100306	Console cable
1961660000	CPU cooler
96969578A0	Riser card

Accessory Options (for system developers)

Part Number	Description
1703080101	Power cable wire 7P/Big 4P*2 10 cm
1703100260	USB cable
1700260250	Parallel cable: ASS'Y LPT port 25 cm 25P to 26P 2.0 mm
1700100250	Secondary cable: ASS'Y COM port 25 cm D-SUB 9P to 10P 2.0 mm
1703080160	PS/2 Y cable MINI DIN 16CM
1701160101	VGA cable: ASS'Y VGA 10 cm D-SUB 15P to 16P 2.0 mm
1701440350	Flat cable 44P 35 cm Gray IDC44P/IDC44P/IDC44P
1701440500	Flat cable 40P 50 cm Gray IDC40P/IDC40P/HOUSING44P
1700081401	Cable Ethernet cross over 8P to 8P 140 cm

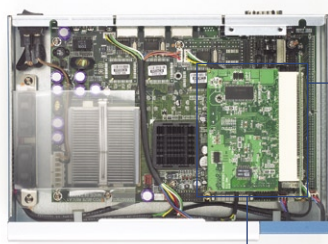7 LED indicators (Power x 1, LAN x 3)

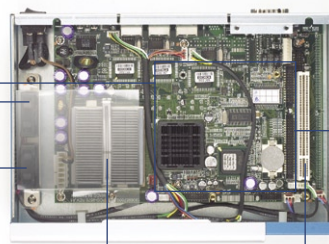RS-232 console port   Three LAN ports
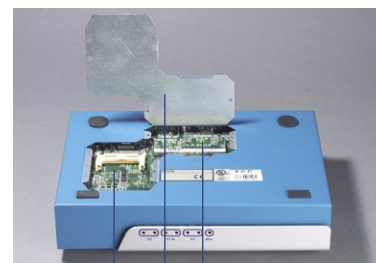
CompactFlash socket   SDRAM socket

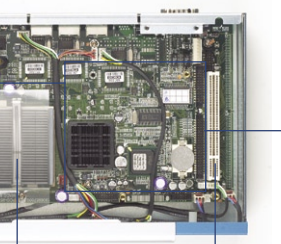Removable cover allows easy maintenance and software upgrade

Optional Device only for Celeron Processor: Either riser card or 2.5" IDE HDD
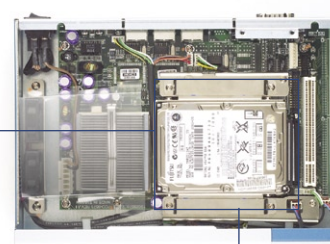

Expansion PCI slot with riser card

Two 5-CFM fans located next to the CPU for best ventilation

Intel Pentium III/Celeron CPU

1 PCI slot

2.5" IDE HDD