FWA-660

Tabletop Internet Security Platform with 4 Rear LAN Ports

Features

- Internet security platform for ROBO, SOHO and SMB
- Four 10/100 Fast Ethernet ports
- Console port for local setting
- Nine LED indicators show the status of 4 LANs and power
- Hard drive mounting bracket for slim type 2.5" drive
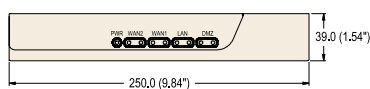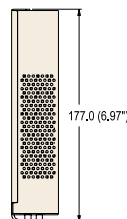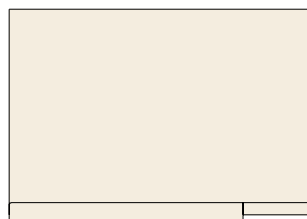
CE FCC

Introduction

The FWA-660 is a compact yet powerful Internet security platform that is specifically designed for Internet secure connectivity. It is suitable for SOHO (Small Office, Home Office), SMB (Small Medium Business), and ROBO (Remote Office, Branch Office) segments. Designed with the Intel® Celeron® 566 MHz processor, 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 avoids service disruption caused by hard disk mechanical/magnetic failures. In addition, the FWA-660 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-660 offers four 10/100 Mbps auto-sensing Fast Ethernet ports in the back panel. There are nine LED indicators on the front panel display which 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-660 has a place reserved for an optional slim-type 2.5" IDE HDD. It is FCC and CE compliant.

Specifications

Processor System	CPU	Intel Celeron	
	Max. Speed	566 MHz	
	L2 Cache	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, Intel 82562ET x 1	
	Connector	RJ-45 x 4	
Drive Bay	2.5" HDD	1 (optional)	
Cooling	Fan	2 (5 CFM each)	
Management	Console	RS-232 x 1	
Miscellaneous	Control	Power switch	
	Indicator	9 LED indicators for 4 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 39 x 177 mm (9.8" x 1.5" x 6.9")	
	Weight	1.2 Kg (2.6 lb)	

ADVANTECH

FWA-660

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Dimension Diagram

177.0 (6.97")

39.0 (1.54")

250.0 (9.84")

Unit: mm (inch)

Ordering Information

Part Number	Processor	LAN	AC Adapter	CompactFlash	SDRAM	HDD Drive
FWA-660	--	4	40 W	--	--	--

Packing List

Part Number	Description
1701440155	IDE HDD flat cable 44P
1701100306	Console cable
1961660000	CPU cooler

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

9 LED indicators (Power x 1, LAN x 4)

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

Intel Celeron CPU   2.5" IDE HDD space

RS-232 console port   Four LAN ports

Removable cover allows easy maintenance and software upgrades

CompactFlash socket   SDRAM socket