FWA-3140

Rackmount Internet Security Platform with 4 Front LAN Ports/Dual PCI Expansion Slots/LCD Display

Features

- 1U rackmount Internet security platform
- Socket 478 Intel® Pentium® 4 up to 3.06 GHz
- Dual 32-bit/33 MHz PCI expansion slots
- Four 10/100/1000 Mbps LAN ports
- Console port for local setting
- Hard drive mounting bracket for 3.5" drive
- LCD display module
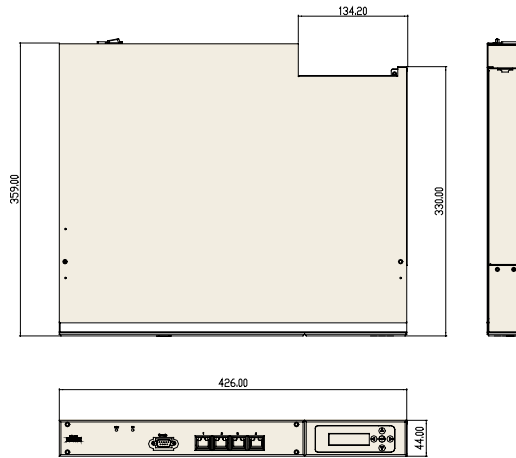- LAN bypass function

CE FCC

Introduction

Conceived as a powerful rackmount Internet security platform, the FWA-3140 was specifically designed for Internet secure connectivity. Designed with the Intel Pentium 4 processor, it provides high performance and meets the requirements of Internet security appliances. The system supports CompactFlash for OS and Internet security applications. This avoids service disruption caused by hard disk mechanical/magnetic failures. In addition, the FWA-3140 can support system memory up to 2 GB DDR memory. Both CompactFlash and memory can be accessed and replaced for software upgrades through an easily removable cover. Designed with the Plug-and-Serve concept in mind, the FWA-3140 offers four 10/100/1000 Mbps LAN ports in the front panel. For easy access, the front panel has a 9-pin, RS-232 serial port for local system management, maintenance and diagnostics. The FWA-3140 provides optional 3.5" IDE HDD and 2 PCI slots. It is FCC and CE compliant.

Specifications

Processor System	CPU	Intel Pentium 4	
	Max. Speed	533/400 MHz FSB	
	Chipset	Intel 845GV ICH4	
	BIOS	Award 2 Mb Flash	
Memory	Technology	DDR-SDRAM 200/266/333	
	Max. Capacity	2 GB	
	Socket	184-pin DIMM x 2	
Ethernet	Interface	10/100 Base-TX	10/100/1000 Base-TX
	Controller	Intel 82551QM	Intel 82540EM
	Connector	RJ-45 x 4	
Drive Bay	3.5"HDD	1	
Cooling	Fan	2 (15 CFM)	
	Blower	1	
Management	Console	RS-232 x1	
Miscellaneous	Power switch	1	
	Indicators	LED indicators for Power/HDD	
	CompactFlash Socket	1	
	LCD Display Module	1	
Adapter Power Requirement	Input	ATX PS, AC 90 ~ 264 V @ 47 ~ 63 Hz, full range	
	Output	250 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)	426 x 44 x 360 mm (16.7" x 1.7" x 14.1")	
	Weight	4.5 Kg (9.9 lb)	

Dimension Diagram

134.20

359.00

330.00

426.00

44.00

Unit: mm (inch)

1 Industrial Motherboards
2 Industrial Motherboard Chassis
3 PICMG Single Board Computers
4 Industrial Computer Chassis
5 Industrial Computer Peripherals
6 6U CompactPCI Enclosures
7 6U CompactPCI Boards
8 6U CompactPCI I/O
9 6U CompactPCI Accessories
10 3U CompactPCI Systems
11 Internet Security Platforms
12 Network Application Ready Platforms

Ordering Information

Part Number	Processor	LAN	Power supply	PCI slot	CompactFlash	SDRAM	HDD drive	LAN bypass
FWA-3140-A	--	4FE	250 W	2	--	--	--	2
FWA-3140-B	--	2FE, 2GbE	250 W	2	--	--	--	2
FWA-3140-C	--	4GbE	250 W	2	--	--	--	2

Accessory options

Part Number	Description
1701160101	VGA port cable (For system installation use)
1703080160	PS/2 Y cable MINI DIN 16CM

Packing List

Part Number	Description
1700000361	Flat cable 40P/40P 16cm (For 3.5" HDD drive use)

RS-232 console port

LEDs (Power x 1/ HDD x 1)

4 LAN ports

LCD display module

Two PCI slots

Power supply

3.5" HDD drive bay

One 15-CFM cooling Fan