FWA-300

NEW

Features

- Supports VIA C7® Processor
- DDR2 400/533 SODIMM, up to 1 GB
- Four 10/100/1000 Mbps GbE LAN ports
- Supports one fixed 2.5" IDE
- VIA PadLock™ Security Engine for hardware cryptographic acceleration

RoHS COMPLIANT 2002/95/EC · CCC · cULus · CE · FCC

Introduction

The FWA-300 is a compact and power efficient tabletop Internet Security Platform designed for entry-level SMB/SOHO security applications. The platform is driven by the power saving VIA C7 CPU, and VIA CX700 chipset, making it the ideal alternative for an economical entry level security solution. The VIA C7 processor has built-in PadLock™ Security Engine which acts as a fast and reliable hardware security accelerator without the extra cost of an add-on card. With Marvell 8001 Ethernet controllers, the FWA-300 provides four Gigabit Ethernet (GbE) LAN ports for robust connectivity.
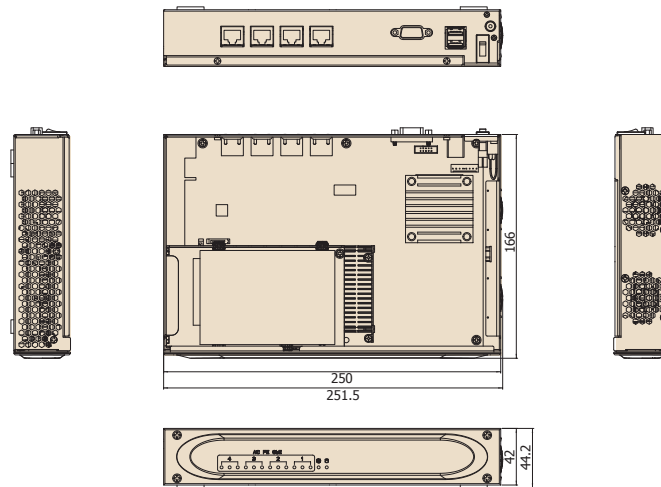
The FWA-300 supports an optional 2.5" ATA HDD to enhance the implementation of many internet security applications such as IDS/IPS, anti-virus, and VPN Gateways. A CompactFlash slot is available for OS and application updates, which can be easily accessed and replaced through an easily removable cover on the back. Plus there are LED indicators on the front panel to display platform status and a 9-pin RS-232 serial port for local system management, maintenance and diagnostics. The FWA-300 is FCC, CE, UL and RoHS compliant.

For more information on VIA PadLock™ Security Engine, please visit http://www.via.com.tw/en/initiatives/padlock/index.jsp

Specifications

Processor System	CPU	VIA C7 processor	
	CPU Speed	1.0 GHz	
	Chipset	VIA CX700	
	Front Side Bus	400/533 MHz	
	BIOS	Award™ 4 Mbit Flash	
Memory	Technology	Single channel DDR2 533/400 SODIMM	
	Capacity	Up to 1 GB with 1 slot	
Ethernet	Gigabit Ethernet	Four 10/100/1000 Marvell 8001 PCI-based GbE ports	
Storage	Controller	VIA CX700	
	IDE	ATA100 connector x 1 on IDE 0 (Secondary) Max. data-transfer rate 100 MB/s Supports 2.5" ATA HDD	
	CompactFlash Socket	1 CF socket on IDE 0 (Primary/Master)	
Peripheral	USB	2 USB 2.0	
	Serial	1 RS-232	
	K/B, Mouse, LPT, CRT	Pin headers	
Power	Watt	65 W	
	Input	19 V, 3.42 A DC input	
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	Dimensions (W x H x D)	250 x 44 x 170.5 mm (9.8" x 1.7" x 6.7")	
	Weight	1.2 kg (2.6 lb)	

ADVANTECH

Dimensions

250
251.5
166
42
44.2

Unit: mm (inch)

Ordering Information

Part Number	Processor	LAN	Power Supply	CompactFlash	SDRAM	HDD
FWA-300E	VIA C7 1.0 GHz	4	65 W	-	-	-

Packing List

Part Number	Description
1701160101	VGA port cable (for system installation use)
1703080160	PS/2 Y cable mini-DIN 16 cm
1703092000	Console cable D-sub 9-pin 2 m
1701440054	Flat cable 44-pin, 2.0 mm pitch connectors 5 cm

Accessories

Part Number	Description
1700001947	2P 180 cm, USA
1700001948	2P 180 cm, Europe
1700001949	2P 180 cm, UK
1700002141	2P 180 cm, JP

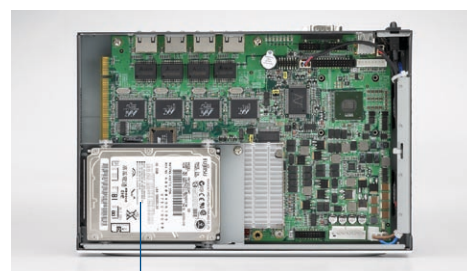Fourteen LED indicators for power, HDD and LAN status

Two USB 2.0 ports

RS-232 console port

Four LAN ports

Removable cover for easy maintenance and software upgrade

CompactFlash socket

SDRAM socket

2.5" IDE HDD bay