FWA-3300

1U Rackmount VIA C7® Processor-based Platform with 4 Front PCI LAN Ports/2 PCI Expansion Slots

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 3.5" IDE or SATA HDD
- Two 32-bit/33 MHz PCI expansion slot
- LCD display module
- VIA PadLock™ Security Engine for hardware crypto acceleration

RoHS COMPLIANT 2002/95/EC   CCC   c UL us   CE   FCC

Introduction

The FWA-3300 is a cost effective and power efficient Internet Security Platform designed for entry-level small/medium business (SMB) security applications. The platform is driven by the power saving VIA C7™ CPU, combined with the VIA CX700 chipset, making it the ideal alternative for an economical entry level security solution. The VIA C7 processor has a built-in PadLock Security Engine, which is a fast and reliable hardware security accelerator without the added cost of an extra add-on card. With support from Marvell 8001 Ethernet controllers, the FWA-3300 provides four Gigabit Ethernet (GbE) LAN ports for robust connectivity.
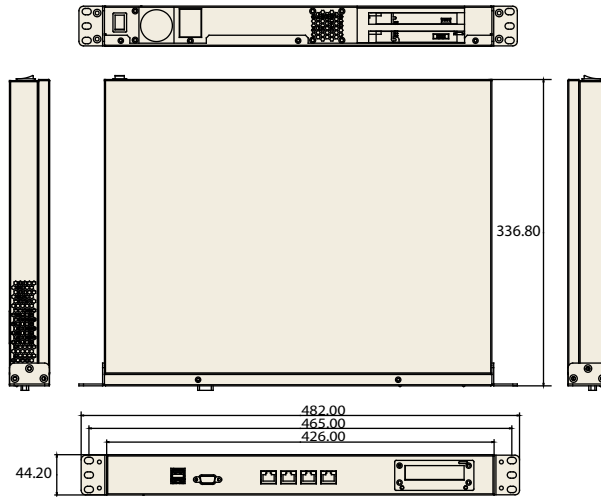
The FWA-3300 supports optional IDE or SATA HDD, which effectively enhances the implementation of many Internet security applications such as IDS/IPS, anti-virus, and VPN gateways. Two onboard PCI expansion slots are available for add-on cards and added expandability. A CompactFlash slot is available for OS and Application updates, which can be easily accessed and replaced through an easily removable cover on the back. Plus, there is an optional LCD module on the front panel to display platform status, and a 9-pin RS-232 serial port for local system management, maintenance & diagnostics. The FWA-3300 is FCC, CE, UL, CCC and RoHS compliant.

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

Specifications

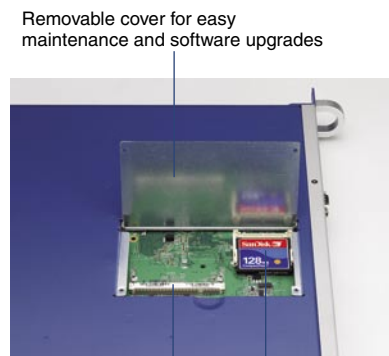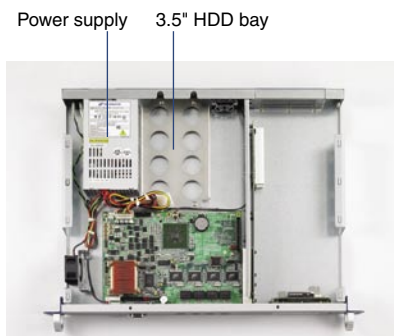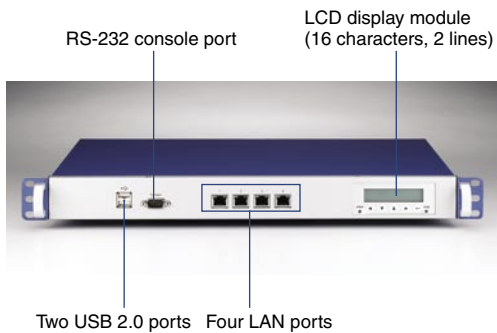|			
Processor System	CPU	VIA C7 processor	
	Max. Speed	1.0 GHz	
	Chipset	VIA CX700	
	Front Side Bus	533/400 MHz	
	BIOS	Award™ 4 Mbit Flash	
Memory	Technology	Single channel DDR2 533/400 SODIMM	
	Capacity	Up to 1 GB with 1 slot	
Expansion	Onboard Expansion Slot	Two 32-bit/33 MHz PCI slots	
Ethernet	Gigabit Ethernet	Four 10/100/1000 Mbps 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 Support 3.5" ATA HDD	
	SATA	SATA connector x 1 Max. data transfer rate 150 MB/s Support 3.5" SATA HDD	
	CompactFlash Socket	1 CF socket on IDE 0 (Primary/Master)	
Peripheral	USB	2 USB 2.0	
	LCD Display Module	1	
	Serial	1 RS-232	
	K/B, Mouse, LPT, CRT	Pin headers	
Power	Watt	180 W	
	Input	90 ~ 240 V AC, auto range	
Environment	Temperature	Operating	Non-Operating
		0 ~ 40° C (32 ~ 104° F)	-20 ~ 80° C (-4 ~ 167° F)
	Humidity	5 ~ 85 % @ 40° C (104° F)	5 ~ 95 %
	Dimensions (W x H x D)	426 x 44 x 337 mm (16.8" x 1.7" x 13.3")	
	Weight	4.5 kg (9.9 lb)	

ADVANTECH

Dimensions

336.80

482.00
465.00
426.00

44.20

Unit: mm (inch)

Ordering Information

Part Number	Processor	LAN	Power Supply	PCI Slot	CompactFlash	SDRAM	HDD
FWA-3300E	VIA C7 1.0 GHz	4	180 W	2	-	-	-

Accessories

Part Number	Description
1701160101	VGA port cable (for system installation use)
1703080160	PS/2Y cable mini-DIN 16 cm

RS-232 console port

LCD display module
(16 characters, 2 lines)

Two USB 2.0 ports   Four LAN ports

Two PCI slots

Power supply   3.5" HDD bay

Removable cover for easy
maintenance and software upgrades

DDR2 socket   CompactFlash socket