FWA-700

NEW

Features

- Supports Intel® Pentium® M or Celeron® M Processor
- Dual channel DDR2 400/533 SODIMM, up to 2 GB
- Four 10/100/1000 Mbps LAN ports
- One MINI PCI Slot
- Supports one fixed 2.5" IDE
- One 10/100 Mbps LAN port for management

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

Introduction

Conceived as an exceptional but low power consuming tabletop Internet security platform, the FWA-700 was specifically designed for SMB/SOHO segment, which can be served as a multi-functional gateway, such as IDS/IPS, anti-virus, VPN gateway and Unified Threat Management (UTM) applications. Using the latest Intel Pentium M processor combined with the Mobile Intel 915GM Express chipset and Intel ICH6M I/O Controller Hub, the FWA-700 provides unprecedented performance, connectivity and throughput without compromising on system thermal design. It supports up to 2 GB of DDR2 system memory at 400 or 533 MHz on dual-channel SODIMM banks. By leveraging PCI Express technology, the FWA-700 maximizes I/O throughput by taking full advantage of the ICH6-M's PCI Express (PCIe) capability. Four PCIe lanes connect directly to the Ethernet controllers to provide bi-directional 2 Gb/s peak bandwidth for Gigabit Ethernet support at wire speed. The system supports one optional 2.5" IDE, and CompactFlash for OS and Internet security applications. The rear I/O panel has a 9-pin RS-232 serial port and one 10/100 managed LAN port. It is FCC, CE, UL, CCC, and RoHS compliant.

Specifications

Processor System	CPU	Intel Pentium M/Celeron M processor	
	Max. Speed	2.0 GHz/1.5 GHz	
	Chipset	Intel 915 GM + ICH6-M	
	Front Side Bus	533/400 MHz	
	BIOS	Award™ 4 Mbit Flash	
Memory	Technology	Dual channel DDR2 533/400 SODIMM	
	Capacity	Up to 2 GB with 2 slots	
Expansion	Onboard Expansion Slot	One 32-bit/33 MHz Mini PCI slot	
Ethernet	Fast Ethernet	One 10/100 Intel 82562 FE port for management	
	Gigabit Ethernet	Four 10/100/1000 Mbps GbE ports	
	GbE Controller	4 x Marvell 8053	
	LAN Bypass	Two segment on GbE ports	
Storage	Controller	Supports 2.5" HDD x 1 on IDE 0	
	IDE	ATA100 connector x 1 on IDE 0 (Secondary) Max. data transfer rate 100 MB/s Support 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, COM	Pin headers	
Power	Watt	65 W	
	Input	100 ~ 240 V AC, auto-range	
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)	252 x 44 x 167 mm (9.9" x 1.7" x 6.6")	
	Weight	1.2 kg (2.6 lb)	

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Dimensions
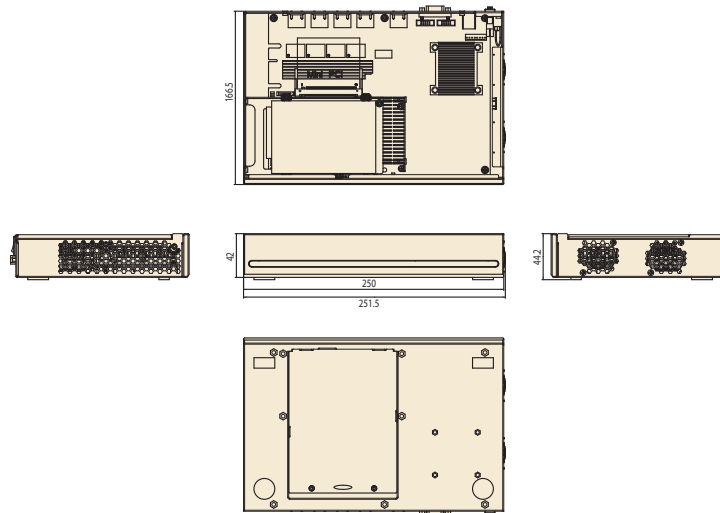
Unit: mm (inch)

Ordering Information

Part Number	Processor	LAN	AC Adapter
FWA-700E	-	5	65 W

Power Cord Options

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

Accessories

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

Sixteen LED Indicators for Power, HDD and LAN status

Two USB 2.0 ports   RS-232 console port

Management LAN port   Four LAN ports

Intel Pentium M CPU
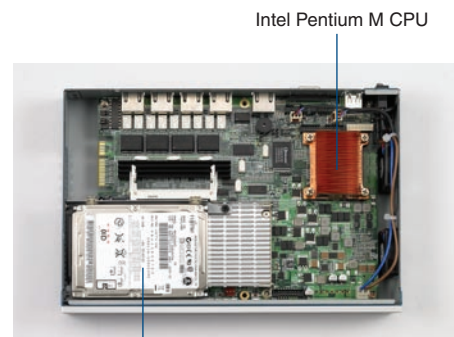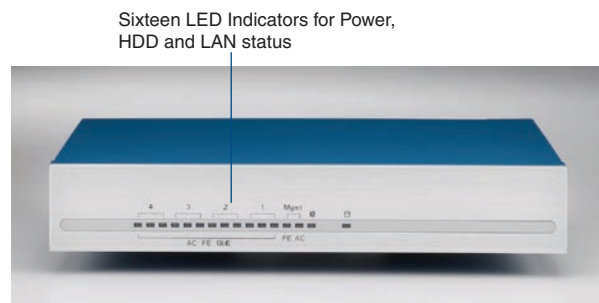
2.5" IDE HDD

Removable cover allows easy maintenance and software upgrade

CompactFlash socket   DDR2 socket