FWA-3800

1U Rackmount Intel® Core™2 Duo Processor-based Platform with 6 GbE LAN Ports

Features

- Supports Intel® Core™2 Duo processor
- Intel® Q965 chipset, 1066 MHz FSB
- Dual-channel DDR2 memory, up to 4 GB
- 6 x PCIe GbE LAN ports w/LAN bypass
- 1 x proprietary PCIe x4 connector for LAN expansion board
- Supports 1 x 3.5" SATA HDD

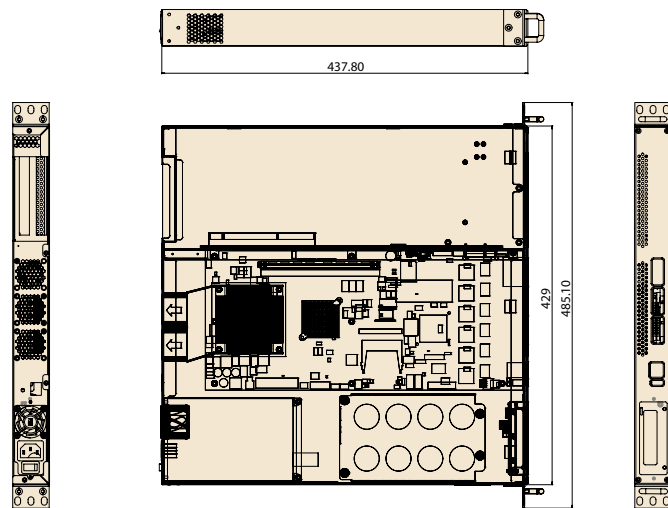RoHS COMPLIANT 2002/95/EC   CCC   c UL us   CE   FCC

Introduction

A high-performance and power-efficient network security platform, the FWA-3800 is specifically designed for advanced Internet security applications where performance is in high demand. The FWA-3800 adopts the latest Intel Core 2 Duo processor and Intel Q965 chipset. This supports up to 4 GB of dual-channel DDR2 SDRAM on two DIMMs. The platform reserves space for one 3.5" SATA HDD and one CompactFlash slot for storing or upgrading the OS and other network security applications. By leveraging PCI Express (PCIe) technology, the FWA-3800 takes full advantage of the ICH8D0 PCIe capability to maximize I/O throughput. The platform has six PCIe x1 lanes connected directly to the Intel 82573 Ethernet controllers to offer 6 ports of Gigabit Ethernet at wire speed. For easy access, the front panel also has an RJ-45 console port and LCD Module for local system management, maintenance, and diagnostics. It is FCC, CE, UL, CCC and RoHS compliant.

Specifications

Processor System	CPU	Intel Core 2 Duo / Intel Pentium 4	
	Max Speed	2.66 GHz/ 3.4 GHz/ 3.4 GHz	
	Chipset	Intel Q965 and ICH8D0	
	Front Side Bus	1066/ 800 MHz	
	BIOS	Award™ 16 Mbit SPI	
Memory	Technology	Dual-channel DDR2 533/ 667/ 800 MHz	
	Max. Capacity	Up to 4 GB with 2 slots	
Onboard Expansion	PCI Express (PCIe)	1 proprietary internal PCIe x4 connector for LAN expansion board	
	Riser Card	2 PCI-X 100 slots (Option) support full-height cards and external access	
Ethernet	Interface	6 x 10/100/1000 Mbps Intel 82573 GbE ports	
	LAN Bypass	3 segments in pairs	
Storage	SATA	Supports 1 x 3.5" SATA HDD. Max. data transfer rate 300 MB/s	
	CompactFlash Socket	1 CF socket	
Peripheral	USB	1 (USB2.0)	
	Serial	1 (RJ-45)	
	LCD Module	1	
Power	Watts	250 W	
	Input	AC 100 ~ 240 V @ 50 ~ 60 Hz, full 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)	430 x 44 x 435 mm (17" x 1.7" x 17.1")	
	Weight	4.5 kg (9.9 lb)	

Dimensions

Unit: mm

437.80

429

485.10

Ordering Information

Part Number	LAN	LAN Bypass	Power Supply	PCI-X / PCI slot
FWA-3860E	6	3	250 W	-
FWA-3860RE	6	3	250 W	2 (PCI only support 3.3 V)

Accessories

Part Number	Description
1702002600	3P 180 cm, USA
1702002605	3P 180 cm, Europe
1702031801	3P 180 cm, UK
1700000237	3P 180 cm, JP

LCD module
(16 characters, 2 lines)

RJ-45 console port

Gigabit Ethernet ports

Power LED HDD LED

One USB 2.0 ports