

# FWA-6280A

## 2U Rackmount Internet Security Platform with Dual Xeon Processor and PCI Express Modular Network I/O Card

NEW



### Features

- Intel® Xeon™ EM64T (Nocona), up to 3.6 GHz
- Dual channel DDR-II 400 ECC registered, up to 12 GB
- Eight 10/100/1000 Mbps LAN ports
- Supports mini-GBIC, up to two interfaces
- PCI-X 64/133 slots 3.3 V, up to 2 slots
- Supports two removable 3.5" IDE/SATA HDD
- One 10/100 Mbps managed LAN port



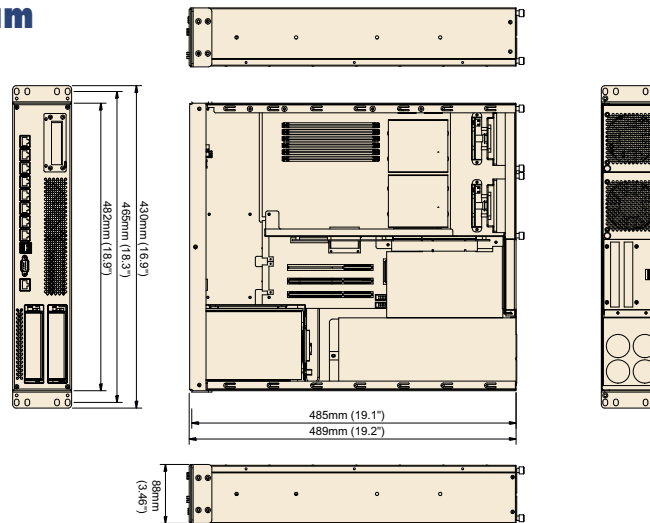
### Introduction

Conceived as a powerful rackmount Internet security platform, the FWA-6280A was specifically designed for high performance IDS/IPS, firewall, VPN gateway and Unified Threat Management (UTM). Designed with the Intel® Xeon processor, it provides high performance and meets the requirements of Internet security appliances. PCI Express technology improves the I/O bandwidth and system total bandwidth up to 32Gbps. The system supports two removable optional 3.5" IDE/SATA H.D.D. and Compact Flash for OS and Internet security applications. In addition, the FWA-6280A can support system memory up to 12 GB DDR2 memory. Both Compact Flash and memory can be accessed and replaced for software upgrades through an easily removable cover. The H.D.D. can be inserted/removed easily from the front panel. Designed with the Plug-and-Serve concept in mind, the FWA-6280A offers eight 10/100/1000 Mbps LAN ports in the front panel. For easy access, the front panel has a 9-pin RS-232 serial port, a 10/100 managed LAN port, and an LCD Module for local system management, maintenance, and diagnostics. It is FCC and CE compliant.

### Specifications

Processor System	CPU	Intel Xeon EM64T with hyperthreading, single or dual processor	
	Max Speed	3.6GHz	
	Chipset	Intel E7520 (Lindenhurst) + 6300ESB (Hance Rapids)	
	Front Side Bus	800 MHz	
	BIOS	Award 4 Mb Flash	
Memory	Technology	Dual channel DDR II-400 ECC registered	
	Capacity	Up to 12 GB with 6 slots, installed in pairs	
Bus	PCI-E	1 PCI-E x 8 connector for LAN expansion board	
	Onboard Expansion slots	2 PCI-X 64/66, supports half height cards without external access	
	Riser card	2 PCI-X 64/133 connectors, up to 2 PCI-X 64/100 connectors Supports full-height cards and external access, such as LAN and SCSI	
Ethernet	Managed LAN	1 Fast Ethernet for management	
	Gigabit Ethernet	8, supports fiber interface	
	LAN bypass	1 segment for all copper ports	
Storage	IDE/SATA	Supports 3.5" HDD x 2 on IDE0, or SATA HDD x 2	
	Compact Flash Socket	1 CF socket on IDE1	
Peripheral	USB	2 (USB 2.0)	
	Serial	1 (RS-232)	
	LCD Module	1	
Power	Watt	500 W or 400 W ATX (1+1 redundant 400 W/each)	
	Input	AC 90 ~ 260 V @ 47 ~63 Hz, full range	
Environment	Temperature	Operating	Non-Operating
		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)	430 x 88 x 485 mm (16.9" x 3.46" x 19.1")	
	Weight	18 Kg (40 lb)	

### Dimension Diagram



Unit: mm (inch)

### Ordering Information

Part Number	LAN	H.D.D. Bay	Power
FWA-6280-AS	8 x 10/100/1000Base-TX	Hot swappable SATA	Single 500 W
FWA-6280-AR	8 x 10/100/1000Base-TX	Hot swappable SATA	Redundant 400 W
FWA-6280-AF	6 x 10/100/1000Base-TX 2 x mini-GBIC with Fiber module bracket	Hot swappable SATA	Redundant 400 W
FWA-6240-AS	4 x 10/100/1000 Base T	Hot swappable SATA	Single 500W

### Accessory Options

Part Number	Description
9680001563	ATI VGA Card RADEON 7000 PCI 32MB

