

FWA-6280A

2U Rackmount Intel Xeon® Processor-based Platform with Modular PCI-X LAN I/O Cards



Features

- Intel® Xeon® EM64T (Nocona), up to 3.6 GHz
- Dual-channel DDR2 400 MHz 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" SATA HDDs
- One 10/100 Mbps managed LAN port

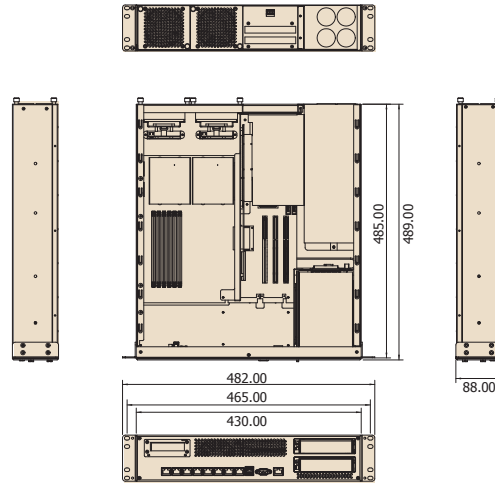
Introduction

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 for Internet security appliances. PCI Express technology improves the I/O bandwidth and system total bandwidth up to 32 Gb/s. The system supports two removable optional 3.5" IDE/SATA HDDs and CompactFlash for OS and Internet security applications. In addition, the FWA-6280A can support up to 12 GB DDR2 of memory. Both CompactFlash and memory can be accessed and replaced for software upgrades through an easily removable cover. The HDDs 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, UL, CE and RoHS compliant.

Specifications

Processor System	CPU	Intel Xeon EM64T with hyperthreading, single or dual processor	
	Max. Speed	3.6 GHz	
	Chipset	Intel E7520 (Lindenhurst) + 6300ESB (Hance Rapids)	
	Front Side Bus	800 MHz	
	BIOS	Award™ 4 Mbit Flash	
Memory	Technology	Dual-channel DDR2 400 MHz ECC registered	
	Capacity	Up to 12 GB with 6 slots, installed in pairs	
Bus	PCIe	1 PCIe x8 connector for LAN expansion board	
	Riser Card	2 PCI-X 64/133 slots 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 x 2 (optional)	
	LAN Bypass	1 segment for all copper ports	
Storage	IDE/SATA	3.5" SATA HDD x 2	
	CompactFlash Socket	1 CF socket on IDE 1 (Secondary/Master)	
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 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 Characteristics	Dimensions (W x H x D)	426 x 88 x 485 mm (16.8" x 3.46" x 19.1")	
	Weight	18 kg (40 lb)	

Dimensions



Unit: mm (inch)

Ordering Information

Part Number	LAN	HDD Bay	Power
FWA-6280-ASE	8 x 10/100/1000Base-TX	Hot-swappable SATA	Single 500 W
FWA-6280-ARE	8 x 10/100/1000Base-TX	Hot-swappable SATA	Redundant 400 W
FWA-6280-AFE	6 x 10/100/1000Base-TX 2 x mini-GBIC with Fiber module	Hot-swappable SATA	Redundant 400 W
FWA-6240-ASE	4 x 10/100/1000Base-TX	Hot-swappable SATA	Single 500 W

Accessories

Part Number	Description
1703080160	PS/2 Y cable mini-DIN 16 cm
1702002600	3P 180 cm, USA
1702002605	3P 180 cm, Europe
1702031801	3P 180 cm, UK
1700000237	3P 180 cm, JP

