

FWA-6480

Two Dual/Quad-Core™ Intel® Xeon® Processor-based 2U Rackmount Platform with up to 8 GbE LAN Ports



Features

- Dual Intel® Xeon® processors with 4/6 MB L2 cache, FSB support 1066/1333 MHz
- Supports Dual-Core™/Quad-Core™ Intel® Xeon® processors 5100/5200/5300/ 5400 series
- DDR2 533/667 ECC registered memory, up to 16 GB
- Eight 10/100/1000 Mbps LAN ports with LAN bypass
- Supports 8 RJ-45 connectors or 4 SFP's and 4 RJ-45 connectors
- Supports PCIe or PCI-X add-in cards
- Supports two hot-swappable front 3.5" SATA HDD



Introduction

Built with functionality and availability in mind, the FWA-6480 Network Application Platform provides high-performance and an abundant feature set for enterprise-level network communication appliances. Designed with the Intel® 5100 MCH chipset, the FWA-6480 can support both single or dual processors with Intel® Xeon 64-bit Quad-Core or Dual-Core 5400/5300/5200/5100 series processors. Utilizing Intel® VT technology significantly improves system performance for networking environments. Incorporating an Intel® I/O controller Hub, ICH9R and other I/O subsystems, the system provides optimized computing efficiency and high-speed I/O bandwidth ideal for networking applications.

The FWA-6480 supports DDR2 533/667 MHz ECC registered memory, Serial ATA and PCI Express technologies, which optimize the system for space constrained installations. It supports different I/O combinations, such as the Intel® 5100 MCH which can provide either three PCIe x8 or 6 PCIe x4 interfaces. This ultra dense platform is built with a redundant power supply, which further increases the system's fault tolerance level.

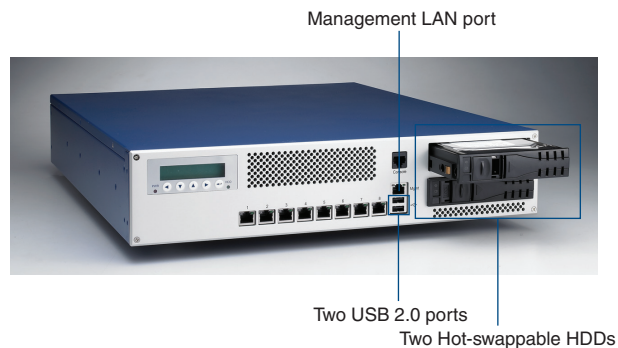
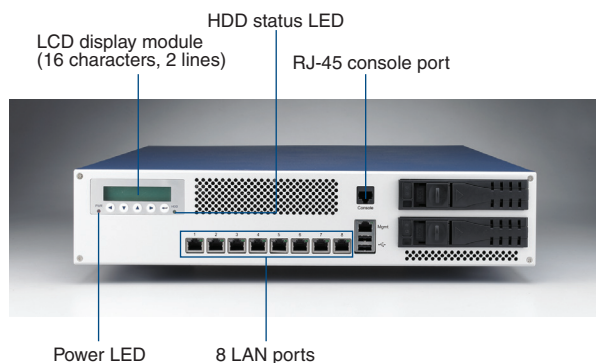
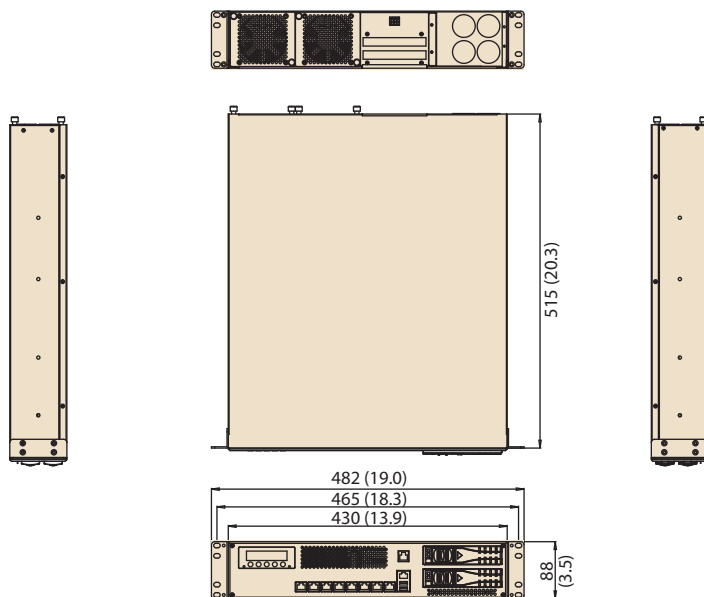
This 2U rackmount system supports two hot-swappable 3.5" SATA HDDs and CompactFlash for OS and network security applications. Also located on the front panel is an RJ-45 serial port, a 10/100 management LAN port, two USB ports and an LCD module for local system management, maintenance, and diagnostics.

Specifications

Processor System	CPU	2 x Intel® Dual-Core™ 5100/5200 Series and Intel® Quad-Core™ 5300/5400 series processors	
	Max. Speed	Dual-Core™ up to 3.0 GHz and Quad-Core™ up to 2.8 GHz	
	Front Side Bus	1066/1333 MHz	
	Chipset	Intel® 5100P + ICH9R	
Memory	Technology	Dual Channel DDR2 533/677 MHz ECC registered	
	Capacity	Up to 16 GB with 4 DIMMs, 4G dual rank memory module	
BUS	PCIe	2 x PCIe x8 connects to I/O board 5 x PCIe x1 connects to I/O board 1 x PCIe x8 slot for riser card	
	Riser Card	2 x PCI-E x8 slots Supports full-height cards and external access, such as 10 G Ethernet card	
	PCI	1 x PCI 32-bit/33 MHz slot	
Ethernet	Management Port	1 x Intel® 82573E 10/100/1000 Mbps Ethernet	
	Interface	4 x GbE via RJ-45 interface 4 x GbE via SFP interface from Intel® 82571 Ethernet Controller supports 2 segments LAN bypass	
Storage	SATA	Supports 2 x 3.5" hot-swappable SATA HDD, front accessible	
	Compact Flash socket	1 x CF socket	
Peripheral	USB	1 x USB 2.0 in the front	
	Serial	1 x console port in the front by RJ-45 connector	
	LCD Module	1	
Power	Watts	500 W, 2U height (1+1 redundant, 500 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	Dimensions (W x H x D)	430 x 88 x 515 mm (16.9" x 3.5" x 20.3")	
	Weight	18 kg (40 lb)	

Dimensions

Unit: mm (inch)



Ordering Information

Part number	Processor
FWA-6480CFE	4 ports GE RJ45 + 4 ports GE SFP

Packing List

P/N	Description
1700002463	Cable RJ-45 to Console 9P 220 cm T

Accessory

P/N	Description
1702002600	3P 180 cm, USA
1702002605	3P 180 cm, Europe
1702031801	3P 180 cm, UK
1700000237	3P 180 cm, JP