

FW-7650 Series

19" 1U Intel Pentium 4 Network Security Appliance

4 LAN

2 Giga LAN

RS-232

LCD

LEDs

HDD Bay



INTRODUCTION

The FW-7650 is a 1U rackmount and designed for the very demanding Enterprise market. FW-7650 contains a socket 478 and supports Pentium 4 and Celeron Processors with speeds of up to 2.4GHz. The FW-7650 also supports two DDR200/266 DIMM socket that support up to 2GB RAM. It also supports two Gigabit Ethernet ports and four 10/100 ports and comes with a wealth of interfaces that allow you the flexibility to cater to your needs and requirements, such as: Compact Flash type II socket, Serial, PCI and Mini PCI interfaces. Lanner's ready and available FW-7650 means no investment is necessary for R&D and production, saving you time and money. The FW-7650 also significantly increases your Time-to-Market, allowing you to gain crucial market share and competitive advantage over your competitors. The FW-7650's high-performance, flexible and scalable solution is a reliable and cost-efficient way for you to enter the fast growing and profitable network security market.

FEATURES

- Socket 478, supports Intel's powerful Pentium 4/Celeron processors, up to 2.4GHz (400MHz FSB)
- Supports up to 2GB SRAM, 2 x DDR200/266 DIMM Socket
- Supports two Intel 82540EM 10/100/1000Mbps Ethernet ports
- Supports four Intel 82551QM 10/100Mbps Ethernet ports
- Supports a number of standard interfaces, such as: Compact Flash, Serial (RS-232), PCI and Mini PCI
- Increase network security performance by adding Lanner's accelerator cards to the system's Mini-PCI expansion slots.
- 19" 1U Rack mount network security appliance
- Suitable Network applications: Virtual Private Network (VPN), Firewall, IDS, Multi-Homing, Residential Gateway, Router, MTU/MDU and many more...

OPTIONAL

CPU	P4 2.2G	0114740011011
RAM	SDRAM 128M	PTM128M168001
	SDRAM 256M	PTM256M168001
	DDR 512M	PTM512M184001
HD	2.5" 20G	PTE20GB000100
	2.5" 40G	PTE40GB000100
CF	32M	PTA3200000000
	64M	PTA6400000000
FAN	Slim cooling	085S478000001



Lanner Electronics Inc.



FW-7650 Series

19" 1U Intel Pentium 4 Network Security Appliance

SPECIFICATION

SBC

SBC	MB-X71A
CPU	Socket 478 for Intel Pentium 4/Celeron Processor, up to 2.4GHz(400MHz FSB)
Chipset	Intel 845GL
BIOS	Award licensed BIOS
Memory	2 x DDR200/266 DIMM Socket, up to 2GB RAM
Network Interface	Two Intel 82540EM Gigabit Ethernet and Four Intel 82551QM 10/100 Mbps Ethernet, six external RJ-45 connectors
SSD	One CompactFlash Type II socket
I/O Interface	One DB-9 RS-232 connector
LCM	2x20 characters, with keypad
Expansion Slot	One PCI and one Mini-PCI slot
RTC	Internal RTC with Li Battery
Power	Internal open frame 200W SWITCHING POWER SUPPLY, Input range 115V AC 60Hz ~ 230V AC 50Hz
Internal PCI	one standard PCI and one Mini-PCI connector

Mechanical/Environmental

Form Factor	19" 1U Rackmount
LED Indicators	1 x Power, 1 x Status, 6 x LAN speed 10/100Mbps and 6 x LAN Link/Active
Operating Temperature	0 °C ~ 45 °C
Storage Temperature	-20 °C ~ 70 °C
Humidity	5% ~ 95% RH, non-condensing
Chassis Material	Steel
Dimensions (H x W x D)	45mmX426mmX240mm; 1.7"X16.8"X12.2"
Net Weight	5.6kg; 12.32 lbs
Certification	CE, FCC CLASS A
Software	Linux 6.5 and above, Windows 95/98/2000/Me/XP

ORDERING INFORMATION

FW-7650A-VPN	With two Gigabit and Four 10/100Mbps Ethernet; with VPN accelerator
FW-7650A-B-VPN	With two Gigabit and Four 10/100Mbps Ethernet ports, one external 2.5" Hard disk bay; with VPN accelerator
FW-7650A	With two Gigabit and Four 10/100Mbps Ethernet
FW-7650A-B	With two Gigabit and Four 10/100Mbps Ethernet ports, one external 2.5" Hard disk bay

Development Kit 1 (Part No.P01PACKING016)

Item	Unit	Description
Keyboard/Mouse	1	Y shape for PS/2 keyboard & mouse
IDE Cable 1	1	44-44 PIN IDE cable 45cm
IDE Cable 2	1	DMA-100 40PIN IDE cable
Ethernet Cable (white)	1	Cat.5e 180cm, straight-through
Ethernet Cable (red)	1	Cat.5e 180cm, crossover
Console Cable	1	D-SUB 9pin 180mm
CD-ROM	1	Driver, Utility, Manual

PACKING LIST

Power Cable 26cm	1
Cat.5e Ethernet Cable 180cm	1
Cat.5e Ethernet Cable Crossover	1
Console Cable	1
Quick Installing Guide	1

Development Kit 2 (Part No.P01MVGA100100)

Item	Unit	Description
VGA Card	1	Mini PCI VGA Card
VGA Cable	1	VGA 12Pin TO 15Pin

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