

# FW-5300A/5310A/5320A

Mini-Desktop Geode GX1 300MHz CPU Network Appliance

3 LAN

RS-232

LEDs

Power Jack



**FW-5300A**



**FW-5310A**



**FW-5320A**

## INTRODUCTION

As business becomes more global, the fast growing Small and Medium-sized Businesses (SMB) will increasingly require a high performing, reliable and secure network security system. Lanner's FW-5300 series are mini desktop solutions designed to meet the network growth needs and requirements of the SMB market. Network security features that were previously only available for the larger businesses, such as Virtual Private Network (VPN) and Firewall, are now available to the SMB market through the FW-5300 series. The FW-5300 series are equipped with a Geode 300MHz processor and supports 128MB SDRAM. It also contains three 10/100 Ethernet ports, each with its own independent Realtek 8139C chip. The FW-5300 series supports a Compact Flash, allowing developers the flexibility to customize the device based on their specific requirement. The FW-5300 series are an excellent choice and the ideal network security hardware platforms for the low to mid-range markets.

## FEATURES

- Supports NS Geode GX1 300 MHz Low-Power CPU
- Built on-board 128MB SDRAM
- Supports three 10/100Mbps Ethernet ports, each with an independent Realtek 8139C chipset
- Supports a Compact Flash and a Serial (RS-232) interface
- Mini desktop network security solution
- Suitable Network applications: Virtual Private Network (VPN), Firewall, IDS, Multi-Homing, Residential Gateway, Router and many more...



**Lanner Electronics Inc.**



# FW-5300A/5310A/5320A

## Mini-Disktop Geode GX1 300MHz CPU Network Appliance

### SPECIFICATION

#### SBC

Model	FW-5300A/FW-5310A/FW5320A
SBC	EM-552S/EM-552H/EM55LH
CPU	NS Geode GX1 300 MHz Low-Power CPU on-board
Chipset	NS CS5530A
BIOS	AWARD BIOS
Memory	128MB SDRAM on-board
Network Interface	Three Realtek RTL8139C, support three 10/100BASE-T Ethernet, three external RJ-45 connectors
SSD	Reserved DiskOnModule socket
I/O Interface	One DB-9 RS-232 connector
Expansion Slot	FW-500ME:one 2.5" Hard disk bracket
RTC	Internal RTC with Li battery
Power	FW-5300A/FW-5310A:One Power Jack 5V,3A FW-5320A:One Power Jack 5V,4A

#### Mechanical/Environmental

Form Factor	Small slim desktop
LED Indicators	1 x Power,1 x Status,3 X LAN Link,3 x LAN Active
Operating Temperature	0 °C ~ 45 °C
Storage Temperature	-20 °C ~ 70 °C
Humidity	5% ~ 95% RH, non-condensing
Chassis Material	FW-500:aluminum FW-500M/FW-500ME:Steel
Dimensions (H x W x D)	FW-5300A:45mmx226mmx156mm;1.7"x8.9"x6.1" FW-5310A:32mmx211mmx156mm;1.3"x8.3"x6.1" FW-5320A:41mmx290mmx156mm;1.3"x8.3"x6.1"
Net Weight	FW-5300A:1.25kg;2.75 lbs FW-5310A:1kg;2.2 lbs FW-5320A:1.39kg;3 lbs
Certification	CE,FCC CLASS A
Software	Linux 6.5 and above, Windows95/98/CE

### ORDERING INFORMATION

FW-5300A	three 10/100Mbps Ethernet ports, With CompactFlash socket, ,Aluminum
FW-5310A	three 10/100Mbps Ethernet ports, With CompactFlash socket
FW-5320A	three 10/100Mbps Ethernet ports, With CompactFlash socket; with 2.5"Hard disk bracket inside.

### Development Kit (Part No.P01PACKING017)

Item	Unit	Description
Power adapter	1	110-220 Auto-switching, AC
Ethernet Cable(gray)	1	180cm,straight-through
Ethernet cable(orange)	1	180cm,crossover
Keyboard/mouse cable	1	Y shape for PS/2 keyboard & mouse
IDE cable	1	DMA-100 40PIN IDE CABLE
console cable	1	D-SUB 9pin 180mm
VGA Cable	1	EM586 CRT CAB. 12P (IDC+D-SUB)
Driver CD-ROM	1	Driver, utility, manual

### PACKING LIST FW-5300A/FW-5310A

DC Power Adapter 5V 3A	1
Ethernet Cable 180cm	1
Console Cable	1
Quick Installing Guide	1

### PACKING LIST FW-5320A

DC Power Adapter 5V 4A	1
44pin IDE cable	1
Ethernet Cable 180cm	1
Console Cable	1
Quick Installing Guide	1

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