

Teak 3258

AMD Ultra Low Power LX-800
Network Security Appliance with
4 Intel 10/100M FE LAN ports



Feature

- 1U 19" Rackmount chassis Network Security Appliance
- AMD LX-800, 500 MHz, Ultra Low Power Processor
- AMD CS-5536 South Bridge Chipset
- On-Board 266/400 MHz DDR Memory, up to 512 MB w/o ECC
- Built-In PCI FE LAN 4 ports
- By-pass function for 2 ports of FE LAN
- 1 IDE and 1 CF Storage slot
- Open frame power supply

Specification

Platform

- Low power low operating temperature

Form Factor

- 1U 19" Rackmount chassis, Heavy Duty Steel

Dimensions

- 43.5(H) X 426(W) X 228.6(D) mm

Processor with North Bridge

- AMD LX-800, 500 MHz, Ultra Low Power Processor
With 64KB I-cache / 64KB D-cache and 128KB L2 cache
- Integrate North bridge core logic inside

South Bridge

- CS-5536 South Bridge Multi-Function Chipset

Memory

- Highly Reliable On-Board 266/400 MHz DDR Memory
From 128MB up to 512 MB w/o ECC

BIOS

- 512KB Award System BIOS
- By-pass Enable/Disable as the BIOS option

Extra Linux Driver

- LAN By-pass Driver
- Watch-Dog Timer Driver
- System Status LED Control Driver
- Event Trigger Driver from Push Button

Disk Drive Storage

- 1 Drive bay 2.5" HDD (3.5" by special request)
- 1 DMA 66/100 IDE interface + 1 CF storage slot
- Selectable CF as Master + IDE HDD as Slave
Or Selectable IDE HDD as Master + CF as Slave

Color

- By request

Watchdog timer

- Software programmable WDT from 1 to 255 seconds

Expansion

- One standard 32 bit PCI slot



150 Watts Power Supply

Ethernet

- 4 ports of PCI I/F Intel 82551ER 10/100 Mbit FE LAN controller with RJ-45 connectors
- Supports MDIX media auto reverse function
- Supports Boot from LAN function

By-pass Function

- 2 ports of 10/100 Mbit LAN support LAN By-pass function

System Management interface

- 1 port of DB-9 Serial Console at front panel
- 2 ports of USB 2.0 connector at front panel
2 ports with pin header

LED Indicator

- Power status, Storage access status, System status, By-Pass status

Multi-function Micro switch

- Multi-function Micro switch at the front panel setting as:
 - System Reset input
 - Event Trigger as Auto-load S/W default setting
Or System Shut-Down trigger input

Internal reserved I/O

- VGA pin header interface (Only for R&D development use)

Power Supply

- 25W industry grade power Adapter with DC-out connector
- Optional 150W industry grade power supply
- AC 90 ~ 264 V full range at 47 ~ 63 Hz

Power ON/OFF mode

- AT Power ON/OFF mode

Environments

- Operating Temperature: 0°C ~ 40°C
- Storage Temperature: -20°C ~ 80°C
- Relative Humidity: 10% ~ 90% (Non-condensing)

Certification

- CE Class A
- FCC Class A

Ordering Guide

| Ordering NO. | Ethernet port | Memory | Console port | USB port | Compact Flash | HDD support | Power supply |
|---------------|---------------|--------|--------------|----------|---------------|-------------|----------------|
| Teak 3258-145 | 4 Copper FE | 512MB | One | Two | Yes | 2.5" | 25W Open frame |
| Teak 3258-245 | 4 Copper FE | 512MB | One | Two | Yes | 2.5"/3.5" | 150W |

