

Teak 3018

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



Feature

- 1U Compact Size 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
- With lock DC-in from AC Power adapter
- Wireless LAN expandable
- 2.5" HDD Drive bay support

Specification

Fanless platform

- Low power low operation temperature
- Fanless platform without active cooling part failure problem

Form Factor

- 1U Compact Size Chassis, Heavy Duty Steel

Dimension

- Compact size 275(W) X 144.5(D) X 43.5(H) 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
- 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

Ethernet

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

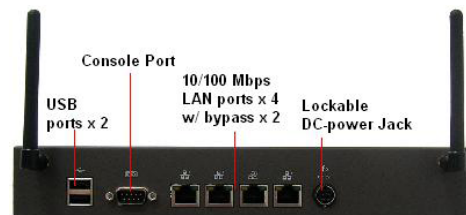
By-pass Function

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

Ordering Guide

Ordering NO.	Ethernet port	Memory	COM port	Wireless LAN	Compact Flash	HDD support	Power supply
Teak 3018-141	4 Copper FE	128MB	1 DB-9	N/A	Yes	2.5"	20W Adapter
Teak 3018-742	4 Copper FE	256MB	1 DB-9	Yes	Yes	2.5"	20W Adapter

* Wireless LAN: 802.11b/802.11g Wireless LAN kit



Expansion

- Wireless LAN expandable with PCI interface

Watchdog timer

- Software programmable WDT from 1 to 255 seconds

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

- 20W industry grade power Adapter
- AC 90 ~ 264 V full range at 47 ~ 63 Hz

Power ON/OFF mode

- AT Power ON/OFF mode

Color

- By request

Environment

- Operation temperature: 0°C ~ 40°C
- Storage temperature: -20°C ~ 80°C
- Relative humidity: 10% ~ 90% (Non-condensing)

Certification

- CE Class A
- FCC Class A

Specification may change without notice

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