

# Teak 3031

Intel Atom N270 Ultra Low Power Fan-less  
Network Security Appliance with 4 ports GbE LAN  
Support LAN By-Pass function



## Feature

- Compact Size Rackmount chassis Network Security Platform
- Intel® Atom N270 1.6 GHz Processor, 533 MHz FSB
- Intel® 945GSE North & ICH7-M South Bridge Chipset
- On board DDR2 memory + SO-DIMM, up to 1.5 GB w/o ECC
- Built-in 4 ports GbE LAN
- Pre-setting By-pass when power On/Off
- Internal 2.5 " STATA Drive bay
- 1 CF storage slot
- Fanless Platform

## Specification

### Form Factor

- Compact Size Rackmount chassis, Heavy-Duty Steel

### Dimensions

- Compact size 275(W) X 180(D) X 43.5(H) mm

### Processor

- Supports Intel® Atom N270 1.6GHz low power Processor
- 437 pin package, 533 MHz FSB, 512KB L2 Cache

### Chipset

- Intel® 945GSE North & ICH7-M South Bridge Chipset

### Memory

- On board 512MB + 1 SO-DIMM Socket ,  
Up to 1.5 GB w/o ECC, 533 MHz DDR2 Memory

### BIOS

- Award System BIOS
- Supports Console Redirection
- Supports "Power on after power fail" as the BIOS option
- By-pass Enable/Disable selection

### Extra Linux Driver

- LAN By-pass Driver
- Watch-Dog Timer Driver
- System Status LED Control Driver
- Push Button Shutdown Driver

### Storage

- 1 Compact Flash storage slot
- 2.5" SATA HDD Drive bay

### Ethernet

- 4 ports of PCI-E I/F Intel 82574L Giga bit LAN controller



### Pre-setting By-pass function when Power ON/OFF

- 2 ports of Giga bit LAN support LAN By-pass function
- LAN By-pass function Enable/Disable pre-setting when power ON or OFF

### System Management

- 1 port of DB-9 Serial Console at front panel
- 2 ports USB 2.0 in the Front

### Watchdog Timer

- Software programmable WDT from 1 to 255 seconds

### Internal reserved I/O

- Keyboard/Mouse pin header interface
- VGA pin header interface
- RS-232 COM port with Transceiver pin header interface

### Power Supply

- 20W Adapter power supply, DC- 5V output
- AC 90 ~ 264 V full range at 47 ~ 63 Hz

### Power ON/OFF Mode

- AT Power ON/OFF mode

### Color

- Black 4U ( optional color by special request )

### 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.	Memory	GbE LAN Port	FE LAN Port	HDD Drive bay	LAN By-Pass	LCM	Power supply
Teak 3031-145	512MB	4 Copper RJ-45	N/A	SATA 2.5"	Available	N/A	20W Adapter
Teak 3031-146	1GB	4 Copper RJ-45	N/A	SATA 2.5"	Available	N/A	20W Adapter

Specification may change without notice