

# FW-7530 Fanless Network Appliance

Compact desktop network appliance with Intel ATOM processor and six network ports

## Environmentally friendly network platform

Built entirely with RoHS compliant parts and production processes, the FW-7530 provides a low power platform for network applications, reducing electricity costs and saving space for the end user. An embedded ultra-low voltage ATOM 1.6GHz CPU delivers power-efficient processing while the Intel 945GSE + ICH7 system logic provides PCI-E bus network bandwidth. The FW-7530 includes six integrated Ethernet ports with optional bypass, so that it can be easily deployed in front-line security applications where reliability and availability are of key concern.

## Fanless platform reduces power consumption

Measuring only 36 mm in height, the FW-7530 can be deployed virtually anywhere. Its space-saving design offers flexibility and cost savings while maintaining the high throughput and availability required for network security, acceleration and other network applications.



## Fanless, low power platform

The ultra-low voltage ATOM processor allows for completely fanless chassis design, which results in reduced power and cooling requirements.

## Cost-effective migration

The embedded Intel atom processor and 945GSE chipset provides a stable, ultra-low power platform at an outstanding value-price point.

## Expansive I/O interface and Internal Storage

An internal 2.5" HDD, CF Socket, USB 2.0 ports, Mini-PCI and console connection options guarantee that all hardware requirements will be met. Six GbE network ports including one pair with bypass provide high throughput and availability.

## Built-in reliability and longevity

Solid engineering and quality components, such as the Intel 945GSE + ICH7 System Logic and Intel 82574 GbE networking controller, ensure reliable operation and longevity.

## Small form factor for flexible deployment

The FW-7530's low profile (36 mm height) makes it a perfect solution for network applications where space is critical.

FEATURE	DESCRIPTION	
<b>Form Factor</b>	Desktop	
<b>Platform</b>	Processor	Onboard Intel® ATOM N270 1.6GHz processor
	Chipset	Intel 945GSE + ICH7R
	Front Side Bus	533 MHz
<b>System Memory</b>	Technology	DDR2 400/533 MHz, non-ECC
	Max Capacity	2GB
	Socket	200P SO-DIMM x 1
<b>OS Support</b>	Windows (2000, 2003, XP), Linux	
<b>Storage</b>	HDD Bay(s)	2.5" x 1
	Storage Interface	Serial ATA x 1, CompactFlash x 1
<b>Networking</b>	Ethernet Ports	6 GbE ports
	Controller	Intel 82574L LAN x 4, Intel 82541PI x 2
	By-Pass	1 pair
<b>I/O Interface</b>	Console	RJ45 x 1
	USB 2.0	USB x 2
<b>Expansion</b>	Mini-PCI	Mini-PCI x 1
<b>Cooling</b>	Processor	Passive heatsink
	System	Passive
<b>Environmental Parameters</b>	Temperature, ambient operating / storage	0°C ~40°C / -20°C ~70°C
	Humidity (RH), ambient operating and non-operating	5 ~ 95%, non condensing
<b>Miscellaneous</b>	LCD Module	No
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
<b>Physical Dimensions</b>	Dimensions (WxHxD)	190 x 36 x 145mm
	Weight	1.2KG
<b>Power</b>	Type / Watts	60W Adapter
	System Input	12DC
<b>Approvals &amp; Compliance</b>	CE Emission, FCC Class A, RoHS	
<b>Ordering Information</b>	FW-7530A	6GbE, 1 pairs bypass
	FW-7530B	6GbE, no bypass

### About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline network security, network video and applied computing platforms. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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