

FW-7522

Fanless Network Application Platform

Compact desktop network appliance with Intel Celeron M processor and five network ports

Environmentally friendly network appliance platform

Built entirely with RoHS compliant parts and production processes, the FW-7522 provides a low power platform for network applications, reducing electricity costs and saving space for the end user. An embedded ultra-low voltage Celeron 600MHz/1GHz CPU delivers power-efficient processing while the Intel 910GMLE + ICH6M system logic provides PCI-E bus network bandwidth. The FW-7522 includes five 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 embedded platform reduces power consumption

Measuring only 40 mm in height, the FW-7522 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.

Cost-effective migration

The embedded Intel Celeron M processor and 910GMLE 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 and performance requirements will be met. Five network ports (4 GbE ports and one 10/100 Base-T) including one pair with bypass provide high throughput and availability.

Fanless design reduces power consumption

The ultra-low voltage Celeron M processor allows for completely fanless chassis design, which results in reduced power and cooling requirements and lower total operating cost.

Built-in reliability and longevity

Solid engineering and quality components, such as the Intel 910GMLE + ICH6M System Logic and Intel 82574 GbE networking controller, ensure reliable operation and longevity.

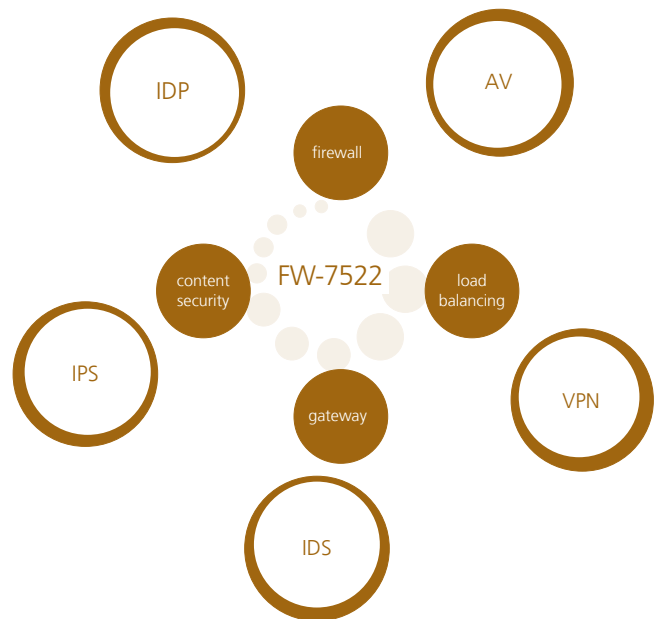
Small form factor for flexible deployment

The FW-7522's low profile (40 mm height) makes it a perfect solution for network applications where space is critical.



FEATURE	DESCRIPTION	
Form Factor	Desktop, Rack Mount (with optional mounting brackets)	
Platform	Processor	Intel Celeron M 600MHz/1GHz
	Chipset	Intel 910GML E + ICH6M
System Memory	Technology	DDR2 400MHz
	Max Capacity	1 GB
	Socket	200P SO-DIMM x 1
OS Supported	Windows (2003, XP), Linux	
Storage	HDD Bay(s)	2.5" x 1
	Hard Drive Interface	Serial ATA x 1, CompactFlash (type II) x 1
Networking	Basic config	5 ports, 1 pair with by-pass support (RJ45 x 2)
	Controller	Intel 82574L x 4, Intel 82562GT x 1
I/O Interface	Console	RJ45 x 1
	USB 2.0	2
Expansion	Mini-PCI	Mini-PCI x 1
Cooling	Processor	Passive Heatsink
	System	— / —
Environmental Parameters	Temperature, ambient operating	0°C ~ 40°C (50°C Operating option available)
	Temperature, ambient storage	-20°C ~ 70°C
	Humidity (RH), ambient operating and non-operating	5% ~ 95%, non condensing
Miscellaneous	LCD Module	—
	Watchdog	Yes
	Internal RTC	Yes
Physical Dimensions	Dimensions (WxHxD)	268L x 140W x 40H mm
	Weight	1.2 kg (without HDD)
Mounting	Optional rack mount brackets	
Power	Type / Watts	AC/DC power adapter – 60W
	Input	AC 100~240V@50Hz~60Hz
Approvals & Compliance	CE FCC Class A RoHS	
Ordering	FW-7522A	600MHz CPU 5 x RJ45 1 pair bypass
	FW-7522B	1GHz CPU 5 x RJ45 1 pair bypass

The FW-7522 with onboard Celeron M CPU is perfectly suited for a wide range of network communication applications.



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 security, storage and applied computing platforms and solutions. 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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