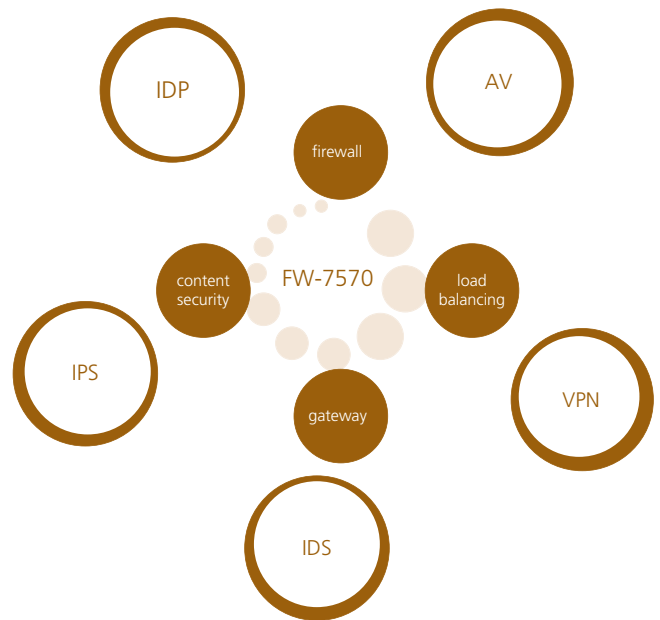


FEATURE	DESCRIPTION	
Form Factor	1U Rackmount	
Platform	Processor and Chipset	Intel 600MHz / 1GHz or 1.2GHz EP80579 Integrated Processor
	Max Speed	1.2GHz
	Embedded Accelerator	Optional EP80579 onchip encryption engine (security SKU)
System Memory	Technology	DDR2 800/667/533 MHz
	Max Capacity	2GB
	Socket	200P SO DIMM x 1
OS Supported	Windows XP Embedded, Linux 2.6	
Storage	HDD Bay(s)	3.5" x1 or 2.5" x 2
	Hard Drive Interface	SATA x 2
	CompactFlash	Type II x1 (supports up to 4G)
Networking	No. of ports (Max)	10 ports, 6 ports on mainboard + 4 or 2 port module
	Controller	3 GbE ports by EP80579 MAC w/ Marvell 88E1111 PHY (1 pair by-pass), 3GbE ports by 82574GbE (1 pair by-pass)
	Module	Intel 82571GbE NICs NM-7570G4A:RJ45 x4 (bypass) NM-7570G2A:RJ45 x2 (bypass) NM-7570S2A:SFP x2
I/O Interface	Console	RJ45 x 1
	USB 2.0	2
Expansion	Mini-PCI	1
	PCI-E	PCI-E x4 for network module
Cooling	Processor	CPU heatsink
	System	Cooling fan x 1
Environmental Parameters	Temperature, ambient operating	0°C~40°C
	Temperature, ambient storage	-20°C~70°C
	Humidity (RH), ambient operating and non-operating	5% ~ 95%, non condensing
Miscellaneous	LCD Module	2 x 20 character LCD
	Watchdog	Yes
	Internal RTC	Yes
Physical Dimensions	Dimensions (WxHxD)	426x44.4x270 mm (16.7x1.1x10.6 in)
	Weight	6 kg
Power	Size	ATX 150W
	Input	AC 90~264V@47Hz~63Hz
	Output	+3.3V 10.0A, +5V 13.0A, +12V 10.0A, +5Vsb 2.0A, -12V 0.5A
Approvals & Compliance	CE, FCC, RoHS	
Ordering	System SKUs	FW-7570A: 6GbE ports (RJ45 x6), 600MHz processor FW-7570B: 8GbE ports (RJ45 x4 on MB + RJ45 x 4 module), 1.2GHz processor, security SKU
	Options	CPU: 600MHz / 1GHz / 1.2GHz Security SKU: Optional Module: RJ45 x4, RJ45 x 2, SFP x 2

The FW-7570 with onboard encryption engine 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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FW-7570 Network Application Platform

1U network appliance with Intel EP80579 Processor, onboard encryption engine and up to 10GbE ports

Deliver next generation security and network applications with the Intel EP80579 Integrated Processor

Based on the next generation Intel EP80579 Integrated Processor, the FW-7570 is a high-performance compact network appliance for security and network communication applications. At the core of this solution is an embedded 1.2 GHz SOC with onchip security accelerator. Intel's integration of security accelerators in their new SOC has provided Lanner with excellent performance and power efficiency versus multi-chip solutions for our latest FW-7570 security appliance providing capabilities such as bulk encryption, hashing and public/private key generation.

The Lanner FW-7570 supports up to ten Gigabit networking ports for optimal network throughput for your specific application. With four SKUs available, the FW-7570 network application platform is sure to meet the various hardware and performance demands of system integrators, OEM customers, and software developers.

Cost-effective migration

Embedded Intel EP80579 SOC with optional security accelerator delivers the best of both worlds: sustained performance at an outstanding value-price.

Built-in reliability and longevity

Solid engineering and quality components, such as the Intel EP80579 System Logic and Intel 82571 GbE networking controller, ensure reliable operation and longevity.

Customizable Ethernet ports with bypass function

Choose between 6 and 10 Gigabit ports with up to 4 pairs supporting software configurable bypass function for high-availability in the case of power interruption or device failure.

Expansive I/O interface

2.0 USB, CF Socket, 2.5" or 3.5" HDD, Mini-PCI, PCI-E and console connection options enable a high degree of flexibility and ensure ease of operation in your network application solution.

Optional security accelerator

Onchip security accelerator improves overall system performance by offloading resource-intensive tasks from the CPU, allowing for increased throughput and lower CPU power consumption, as well as increased longevity.

