

FW-8750

Superior Intel Q35 Network Appliance

A hybrid networking solution built for performance and security

Performance core built around the Intel Q35 chipset

With Intel® Core™2 Quad LGA775 processors, including four processing cores with up to 12MB of shared L2 cache and 1333 MHz Front Side Bus, the FW-8750 will handle any network application quickly and efficiently. Supported by the high performance Intel® Q35 Express chipset, this efficient design and various customizable features lets you build a superior network computing platform leaving plenty of room for future expansion.

Optimized Design and Scalability

Built to be fully customizable and scalable, the FW-8750 supports a base of 6 RJ45 GbE ports, and includes an optional expansion module for an additional four RJ45 GbE ports or four SFP fiber ports. The FW-8750 also comes equipped with two pairs of bypass-enabled ports for high availability. With the addition of up to 4GB of dual-channel DDR2, this system can be fully optimized to fit the needs of today's ever-changing networking landscape.

Intel® Processing Power

With processor speeds up to 3.16 Ghz the FW-8750 provides blazing fast speeds.

Faster Memory Access

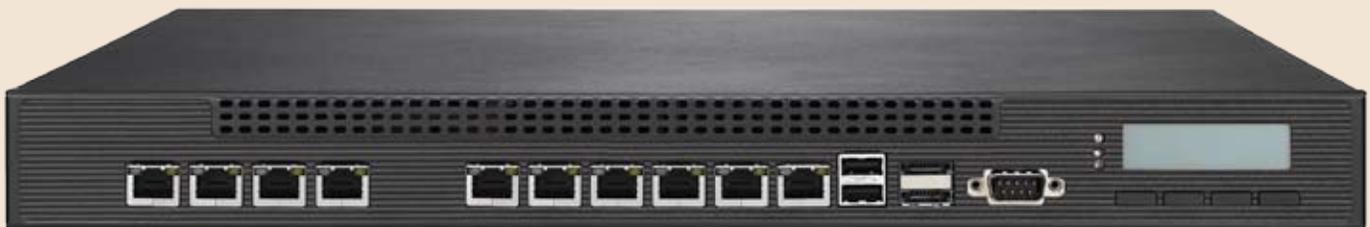
Access data faster with dual-channel DDR2 SDRAM for faster database reads and better overall system performance.

Scalable Network IO

Customize your network IO for your application and deployment scenario with an optional 4 port module. Module options include GbE and SFP interfaces.

Expansion Options

Increase overall system flexibility with optional addon cards via the PCI interface. The FW-8750 supports a host of Cavium and Lionic acceleration cards.



FEATURE	DESCRIPTION	
Form Factor	1U Rackmount	
Platform	Processor	Supports one Intel Core 2 Quad, Core 2 Duo, Pentium dual-core processor, LGA 775
	Chipset	Intel Q35 + ICH9D0
	Front Side Bus	1333/1066/800 MHz
	Max Speed	3.0GHz
System Memory	Technology	Dual-channel DDR2 800/667 MHz
	Max Capacity	4GB
	Socket	240P DIMM x 2
OS Support	Windows (2003, XP), Linux	
Storage	HDD Bay(s)	3.5" x 1
	Storage Interface	Serial ATA x 4, CompactFlash (type II) x 1
	RAID	N/A
Networking	Ethernet Ports	6 onboard (RJ45 x 6), 2 pair support bypass function, 1 optional module
	Controller	Intel 82573L x 5, Intel 82566DM x 1, see module specifications for expansion ports
	Supported Modules	NM-8750G4A: 4 port GbE (RJ45 x 4) Intel 82574L NM-8750S4A: 4 port SFP (SFP x 4) Intel 82575EB
I/O Interface	Console	DB9 RS-232 x 1
	USB 2.0	2
Expansion	PCI	RC-87501A: PCI x1
Cooling	Processor	1U CPU active heatsink (3 cooling fans)
	System	Cooling fan x 1 with Smart Fan
Environmental Parameters	Temperature, ambient operating / storage	0°C ~40°C / -20°C~70°C
	Humidity (RH), ambient operating / non-operating	5 ~ 90%, non condensing / 5 ~ 95%, non condensing
Miscellaneous	LCD Module	2 x 20 character
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	426x44.4x396 mm (16.7x1.7x15.6 in)
	Weight	8.2 kg (18.1 lbs)
Power	Type / Watts	1U ATX SPS / 270W
	Input	AC 100~240V@50~60Hz
Approvals & Compliance	CE Emission, FCC Class A, RoHS	
Ordering	System	FW-8750A: RJ45 GbE x 6, 2 pairs support bypass FW-8750B: RJ45 GbE x 6, 4 port GbE copper module, 2 pairs support bypass FW-8750C: RJ45 GbE x 6, 4 port SFP module
	Module	RC-87501A: PCI x 1 slot



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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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