FEATURE		DESCRIPTION
Form Factor		1U Rackmount
Platform	Processor	mPGA socket 604 (Intel Xeon CPU)
	Chipset	Intel E7501 + ICH3 + P64H2
	Front Side Bus	400/533MHz
	Max Speed	Up to 2.8GHz
	Embedded VPN Accelerator	Safenet 1840 (FW-7880A/B/C only)
System Memory	Technology	Dual Channel DDR 200/266 MHz Supports registered ECC
	Max Capacity	2GB
	Socket	184P DIMM x 2
OS Supported		Windows (2003, XP), Linux
Storage	HDD Bay(s)	3.5" x 1
	Hard Drive Interface	IDE
Networking	No. of ports (Max)	16
	Controller	IAC-ETH01: Intel 82546 IAC-ETH02: Intel 82546 IAC-ETH03: Intel 82546 IAC-ETH05B: Intel 82551 NCM-IG201A: Intel 82546
	No. of module bays	2/4
	Module description	IAC-ETH01: 4 port GbE (RJ45 x 4) IAC-ETH02: 2 port GbE (GBIC x 2) IAC-ETH03: 2 Port GbE (SFP x 2) IAC-ETH05B: 2 port FE, by-pass (RJ45 x 2) NCM-IG201A: 2 port GbE, by-pass (RJ45 x 2)
I/O Interface	Console	DB9 RS-232 x 1
	USB 1.1	1
Expansion	Mini-PCI	1
	PCI-X	1
Cooling	Processor	CPU liquid cooling
	System	cooling fan x 3
Environmental Parameters	Temperature, ambient operating	0ºC ~40ºC
	Temperature, ambient storage	-20ºC~70ºC
	Humidity (RH), ambient operating and non-operating	5% ~ 95%, non condensing
Miscellaneous	LCD Module	2 x 20 character LCD
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	426x44.4x500 mm (16.7x1.7x19.6 in)
	Weight	8.2 kg
Power	Size	1U ATX 300W
	Input	AC 90~264V@47Hz~63Hz
	Output	5V 24A, +3.3V 20A (+5V plus +3.3V no excess 170W) +12V 20A, -12V 1A, +5Vsb 1.5A, -5V 0.5A
Approvals & Compliance		CE, FCC, UL, CUL, TUV, CB, CCC
Ordering	System	FW-7880A: Integrated Safenet 1840; RJ-45 GbE ports x 2; module bay x 2 FW-7880B: Integrated Safenet 1840; module bay x 2 FW-7880C: Integrated Safenet 1840; module bay x 4 FW-7880D: 2 RJ-45 GbE ports; module bay x 2 FW-7880E: module bay x 4
	Module	IAC-ETH01: 4 port GbE (RJ45 x 4) IAC-ETH02: 2 port GbE (GBIC x 2) IAC-ETH03: 2 Port GbE (SFP x 2) IAC-ETH05B: 2 port FE, by-pass (RJ45 x 2) NCM-IG201A: 2 port GbE, by-pass (RJ45 x 2)

CE

The FW-7880 is perfectly suited for a wide range of network communications.
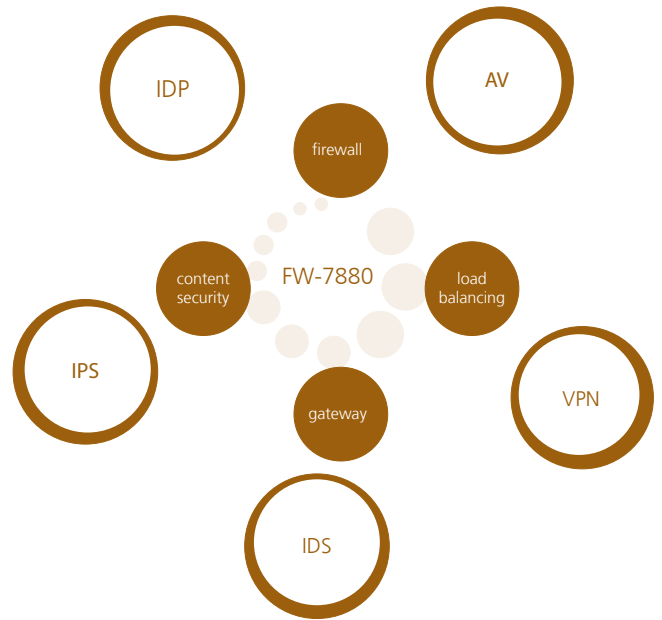
IDP
AV
firewall
content security
FW-7880
load balancing
IPS
VPN
gateway
IDS

FW-7880
Network Communication Appliance

An enterprise-class security platform tailored to your requirements

Superior performance with a slim form factor

Built around the Intel E7501 chipset, the FW-7880 increases system performance by delivering greater platform bus bandwidth. This translates into a faster response time for a larger number of users. In addition, the slim 1U Rackmount form saves valuable server room space without compromising performance.

The unique modular design and various customizable features let you build a perfectly-fitted solution with optimal performance in a matter of minutes. Moreover, Lanner provides full-service product customization by working with you from drawings to samples to mass production to create a product to meet your exact specifications.

High performance core
Enjoy increased performance suitable for a wide range of security applications. Built around an Intel E7501 chipset core, this platform supports a Xeon processor to up to 2.8GHz

Liquid Cooling
Maintain a stable, optimal operating environment with a preinstalled heat-pipe cooling module which quickly removes heat

Scalable design
Grow performance and bandwidth according to your needs. With Lanner's unique modular design, choose to add up to 4 plug-in modules for a total of 16 Gigabyte Ethernet ports

Customizable hardware specifications
Choose from various customizable features including up to 2GB of DDR II memory, one PCI-X expansion slot, and one mini PCI socket