Lanner
creating value in applied computing

FW-7879 Network Communication Appliance

Cost effective appliance for mainstream network applications, from Acceleration to VOIP

Customized for performance, management

The FW-7879 is a 19" 1U Intel network platform based on the Intel 945GC and ICH7R chipset. With support for Intel® Core 2 Duo, Intel® Celeron, Intel® Pentium® 4 processor in the LGA775 Land Grid Array package or Intel® Pentium® D processor, the FW-7879 Series targets intelligent broadband networking, control plane, storage, and wireless applications for next-generation equipment from 100 Mbps to 1Gbps.

The FW-7879 transcends traditional performance and cost parameters, delivering greater IO thoughput per dollar. By supporting a vast range of processors, from low cost Celeron all the way up to high-performance Core 2 Duo, the FW-7879 easily lends itself to any application, with the price to match.

Performance core
Enjoy increased performance suitable for a wide range of security applications with Intel® Core 2 Duo™, Core Duo™, Core Solo™, Celeron™ M, LV and ULV processors.

High network throughput
Scan more packets per second with 6 enterprise grade Intel 82574 Gigabit NICs and up to three by-pass pairs.

Optional Back Panel IO
Deploy the FW-7879 in a wide range of enviroments with direct user interfaces via console, USB and VGA ports on the back panel.

RoHS compliant
Create solutions for Europe and China with the knowledge of pre-test RoHS compliant hardware.

Expansion options
Choose from Lanner's extensive PCI-E and mini-PCI VPN and content inspection network accelerators.

Intel® Ethernet

FEATURE	DESCRIPTION	
Form Factor		1U Rackmount
Platform	Processor	Support Intel® Core 2 Duo,Celeron,Intel® Pentium® 4 processor, LGA775 Socket (35W max TDP)
	Chipset	Intel 945GC + ICH7R
	Front Side Bus	800/533 MHz
System Memory	Technology	DDR2 533/667 MHz, non-ECC
	Max Capacity	2GB
	Socket	240P DIMM x 2
OS Support		Windows (2000, 2003, XP), Linux
Storage	HDD Bay(s)	3.5"x 1, Optional 2.5" x 1
	Storage Interface	Serial ATA x 2, CompactFlash x 1
Networking	Ethernet Ports	6 GbE ports
	Controller	Intel 82574 LAN x 6
	By-Pass	3 pairs
I/O Interface	Console	Front DB9 x 1, Optional Back DB9 x 1
	USB 2.0	Front USB x 2, Optional Back USB x 2
	VGA	Optional Back VGA x 1
Expansion	PCI-E	PCI-E (x4) x1, Mini-PCI x 1
Cooling	Processor	1U CPU passive heatsink
	System	Cooling fans x 4 with Smart Fan
Environmental Parameters	Temperature, ambient operating / storage	0ºC ~40ºC / -20ºC~70ºC
	Humidity (RH), ambient operating / ambient non-operating	5 ~ 90%, non condensing / 5 ~ 95%, non condensing
Miscellaneous	LCD Module	Yes (FW-7879A/C only)
	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	431 x 44 x 370mm
	Weight	7KG
Power	Type / Watts	220W
	Input	AC 90~264V@47~63Hz
	Output	+3.3V 16.8A, +5V 12A, +12V 10A, -12V 0.8A, +5VSB 2A
Approvals & Compliance		CE Emission, FCC Class A, RoHS
Ordering Information	FW-7879A	6GbE, 3 pairs bypass, PCI-E expansion slot, LCM, Celeron 430 1.8GHz CPU
	FW-7879B	6GbE, no bypass, no LCM, Celeron 430 1.8GHz CPU
	FW-7879C	6GbE, 3 pairs bypass, PCI-E expansion slot, LCM, Socket LGA775

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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