FEATURE	DESCRIPTION	
Form Factor		1U half-rackmount, compatible with four-post and two-post Telco Racks
Platform	Processor	Supports Intel Core 2 Duo T7400, Core Duo T2500, Celeron M 440 CPUs, uFC-PGA
	Chipset	Intel 945GME + ICH7R
	Front Side Bus	667/533 MHz
	Max Speed	2.16GHz
System Memory	Technology	Dual-channel DDR2 667/533/400 MHz
	Max Capacity	4GB
	Socket	240P DIMM x 2
Storage	Internal	2 x 2.5" SATA
	External	2 x E-SATA Connectors
CompactFlash		Compact Flash (type II) x 1
OS Supported		Windows (2003, XP), WSS, Linux
Networking	Ethernet Ports	4 GbE onboard
	Controller	Intel 82573L Gigabit Ethernet Controller
Remote Management	Interface Type	RJ45 Fast Ethernet Port
	IPMI 2.0	Supported
	IP-KVM	Supported
I/O Interface	Console	DB9 RS-232 x 1 (front)
	USB 2.0	4 (2 front, 2 back)
	E-SATA	2 (back)
	Keyboard & Mouse	PS2 connector x 1 (back, Y-cable included)
	VGA	DB-15 x 1 (back)
Expansion	Mini-PCI	1
	OPMA	1
Cooling	Processor	CPU active heatsink
	System	40mm cooling fan x 2
Environmental Parameters	Temperature, ambient operating	0ºC~40ºC
	Temperature, ambient storage	-20ºC~55ºC
	Humidity (RH), ambient operating / ambient non-operating	5~90%, non condensing / 5~95%, non condensing
Miscellaneous	Watchdog	Yes
	Internal RTC with Li Battery	Yes
Physical Dimensions	Dimensions (WxHxD)	215 x 44 x 335 mm (8.5 x 1.7 x 13.2 in)
	Weight	6 kg
Power	Input	Dual DC-in power connectors
	Redundant	Yes
	Other	Lockable power connector
Accessories	Mounting brackets	Long Ear Brackets, Short Ear Brackets, Wall-mount Bracket.
	Other	Power Supply Mounting Tray
Compliance		CE Emission, FCC Class A, RoHS
Ordering Information	System	FW-7872: 4 GbE ports with 1 FE for IPMI Module FDW-7872: 4 GbE ports, no IPMI port
	Module	1. IAC-AST100: IPMI Module

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Deploy network communication applications with half the real estate and all the power of a full-sized platform.

Standalone

Rackmount Centered

Side-by-Side Twin Rackmount

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 Germany, U.S., India, and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

FW-7872 Half-Rack Network Application Platform

1U half-rack network application platform with 4GbE fail-over network ports and IPMI 2.0

A Full-Featured Network Application Platform in a Half-Rack Chassis

Built around the Intel 945GME chipset, the FW-7872 combines advanced IPMI functionality with comprehensive network interfaces and storage capabilities.

The FW-7872 sets a new standard for deployment flexibility. The first half-rack network application platform to offer Core 2 Duo support and advanced IP-KVM and IPMI remote management features, the FW-7872 is designed to fit in either four-post or two-post Telco racks, and can be installed in pairs or as a single device leaving half of the rack space for extra power supplies, hard drive storage or other uses.

The internal IAC-AST100 remote management card provides IP-KVM and IPMI remote management features such as remote hardware monitoring and system recovery.

The FW-7872 provides four front-facing RJ-45 GbE ports with hardware bypass, one RJ-45 10/100Mb/s port for IP-KVM functions and a serial console port for local management.

Intel(R) Core 2 Duo performance
Enjoy increased performance suitable for a wide range of network applications, along with flexibility in price/performance by choosing Intel Celeron, Core Duo or Core 2 Duo processors.

Highly flexible deployment
Grow performance and bandwidth according to your needs. Install twin FW-7872 products side-by-side in a 1U rack for increased availability and throughput. Or deploy centrally or to either side of the rack with standard mounting brackets, or mount on a wall with wall mount brackets.

Advanced IPMI functionality
Control, monitor and manage your network device remotely via USB over IP or Ethernet with an internal Aspeed baseboard management controller.

Expand capacity with internal and external storage
The FW-7872 includes four SATA ports for two internal drives and two external E-SATA connectors.

Intel® Ethernet