

LUGE:LEC-2026

Fanless Intel® Atom™ 1.6Ghz embedded system with VGA, 6 GbE LAN, 2 USB, COM ports, CF, SATA drive support, and Mini-PCI expansion



Features

- Intel® Atom™ 1.6 GHz onboard CPU
- Mini PCI expansion slot
- Robust fanless enclosure
- 42mm high case with heat dispersing fins
- -10°C to 45°C operating temperature
- 6 GbE LAN Ports
- USB x 2, COM x 1
- CompactFlash Type I/II or SATA HDD support

EMBEDDED SYSTEM WITH FANLESS THERMAL DESIGN

The ultra-low voltage ATOM processor allows for completely fanless chassis design, which results in reduced power and cooling requirements while maintaining a stable easy to use system

High connectivity through 6 LAN ports, 2 USB, COM and VGA allow this fanless system to be deployed in a variety of scenarios. Storage via 2.5" SATA, CF socket provide ample flexibility for different applications, while the Mini-PCI socket provides expansion opportunity.

Solid engineering and quality components, such as the Intel 945GSE + ICH7M System Logic and Intel 82574 GbE networking controller, ensure reliable operation and longevity.

ATOM

COM

LAN

USB

SATA

Mini PCI

CF



FEATURE	DESCRIPTION	
Form Factor		Embedded Fanless System
Platform	Processor	Onboard Intel® ATOM N270 1.6GHz processor
	Chipset	Intel 945GSE + ICH7M
	BIOS	AMIBIOS with 8Mbith FWH
	Front Side Bus	533 MHz
System Memory	Technology	DDR2 400/533 MHz, non-ECC
	Max Capacity	2GB
	Socket	1 x 200P SO-DIMM
Storage	HDD	2.5" SATA HDD Support
	Compact Flash	CF Socket Type I/II
Networking	Controller	4 x Intel 82574L LAN, 2 x Intel 82541PI
Video	Controller	Intel GMA 950
I/O	COM	1 x RJ45 RS-232
	USB 2.0	2 x USB 2.0
	VGA	(2048 x 1536 / 75Hz)
	LAN	6 x RJ45 GbE
	PS2 Keyboard & Mouse	Internal Pin Header
	DC- In Connector	Power Jack w/ Lock
Expansion	Mini-PCI	1
Hardware Monitor	Controller	Winbond W83627 THG Integrated Hardware Monitor
OS Supported		Linux Kernel 2.4.16 or above XPE / Win XP 32 bit
Enviromental Parameters	Operating Temperature	-10°~45°C / 14°~131°F
Physical Dimensions	Dimensions (WxHxD)	200 x 42 x 144 mm 7.9 x 1.65 x 5.67 inches
	Weight	1.2KG
Power	Type / Watts	60W Adapter
	System Input	DC + 12V (ATX Mode)
Compliance		CE, FCC, RoHS

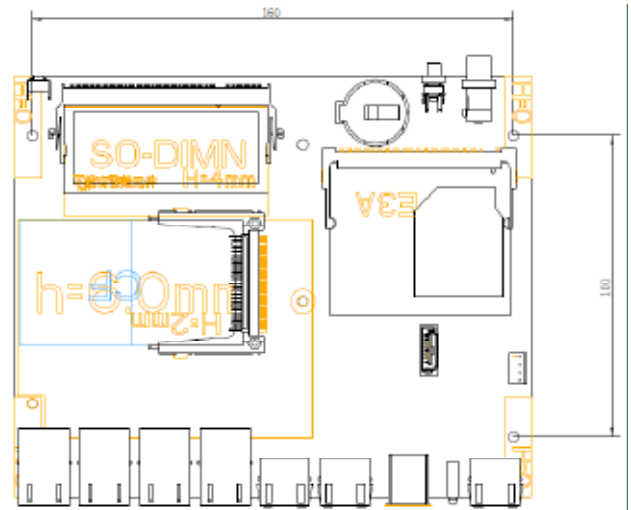


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MECHANICAL DRAWING



The Front Side of the LEC-2026:
featuring 6 LAN ports, 2 USB and a COM port.

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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