

LUGE: LEC-7000

Fanless Intel® Atom™ 1.6Ghz embedded system with VGA, DVI-D, Dual COM ports, Dual LAN, USB, Dual COM, CF and SATA drive support and ATX power mode

VGA

DVI-D

LAN

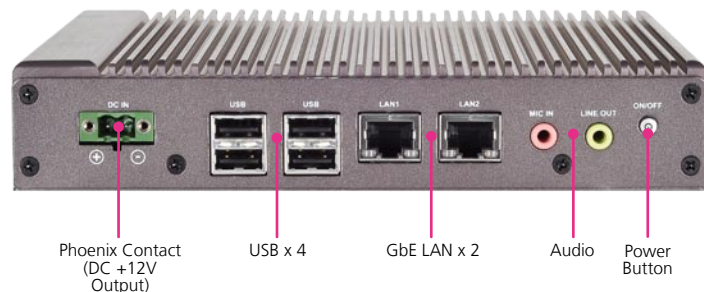
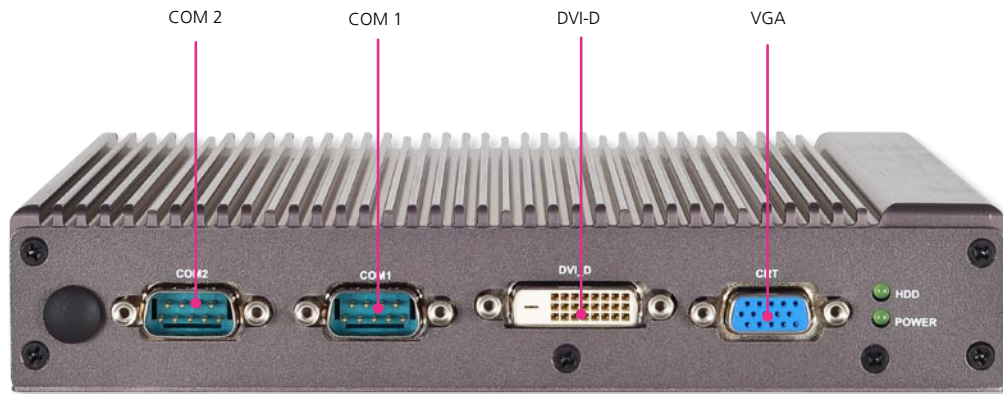
USB

CF

SATA

COM

ATX



FEATURES

- Intel® Atom™ 1.6 GHz onboard CPU
- Robust fanless enclosure
- Slim 36mm case with heat dispersing fins
- -20°C to 50°C operating temperature
- Supports up to 2GB DDR2 memory (512MB IC onboard)
- Dual Display (CRT+DVI-D)
- Dual 10/100/1000 Mbps LAN
- USB x 4, COM x 2
- CompactFlash Type I/II and 2.5" SATA HDD support

INTEL ATOM FANLESS EMBEDDED SYSTEM

The LEC-7000 is designed for flexible deployment in any scenario. Its robust fanless design makes the LEC-7000 an ideal solution for video applications such as digital signs, outdoor advertising and kiosk systems.

The onboard Intel® Atom™ embedded processor provides unsurpassed performance with very low heat generation and minimal cooling requirements, resulting in improved stability and longevity, and providing a higher return on investment.

To provide even more flexibility, Lanner's engineers have built the case of tough aluminum with heat dispersing fins to whisk away heat from the processor and allow the system to operate in harsh environments - from -20°C to 50°C. Whether you need a machine for digital signage, ATM, POS, or a factory controller, the LEC-7000 is built for the task.

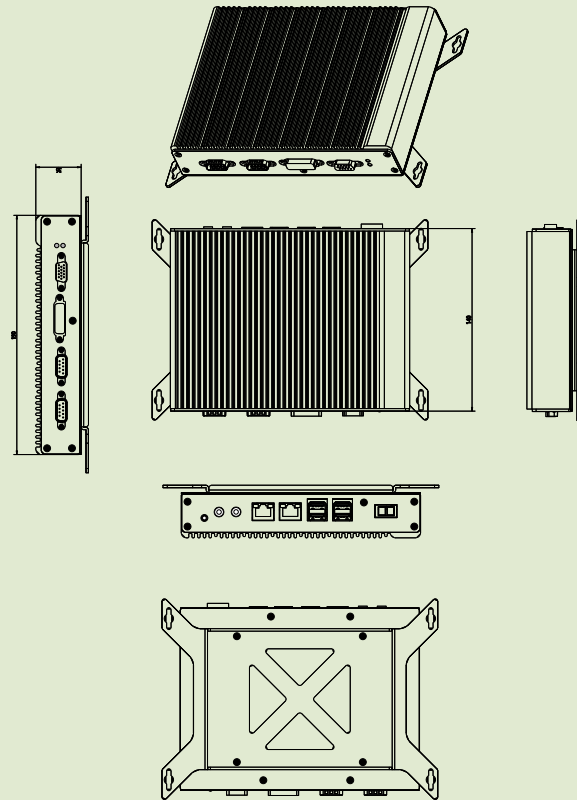
ATOM

FEATURE	DESCRIPTION	
Platform	Form Factor	Embedded Fanless System
	Processor	Onboard Intel Atom 1.6Ghz
	Chipset	Intel 945GSE+ICH7M
	BIOS	AMI BIOS with 8Mbit
	FSB	533MHz
Memory	Technology	DDR2 533/667
	Memory On Board	512MB DDR2 onboard
	Memory Socket	SODIMM x 1 (up to 2GB)
	Max Memory	2GB
Appearance	Standard Color	Grey
	Construction	Aluminum extrusion
Storage	Solid State	CF Socket
	HDD	2.5" SATA HDD support
Networking	GbE (LAN)	2 (RTL8111C-VC-VR)
	Wake On LAN	Yes
	PXE	Version 2.1
Video	Controller	Intel GMA 950
Audio	Codec	ALC888 HD Codec
	COM	RS-232 x 2
Front I/O	Video	DVI-D VGA
	Status LEDs	Power HDD
	Power Input	1 x 2 Phoenix Connector DC Jack (optional)
Rear I/O	USB 2.0	4
	Audio	Mic In / Line Out
	GbE LAN	2 x RJ45
	Power	ATX Power Switch
	Expansion	Mini-PCI Socket
Mounting		VESA mount kit (optional) Wall mount kit (optional)
Hardware Monitor	Controller	Winbond W83627 UHG integrated hardware monitor
	Watchdog timer	Yes (255 levels, 0~255 sec)
OS Supported		Linux kernel 2.4.16 or above, XPE/Win XP-32 bit, Win CE 6.0
Environmental Parameters	Temperature, ambient operating	-20°~50°C
	Humidity (RH), ambient operating	10~95%, non-condensing
Dimensions		140D x 190W x 36H mm
Power Supply	Input Rating	VAC 100~240V adapter
	Output	12V DC with 60W ATX mode power adapter
Compliance		CE, FCC, RoHS

ORDERING INFORMATION

LEC-7000	Fanless Embedded System with Intel Atom 1.6 GHz CPU onboard, CF Socket, 2.5" SATA HDD Support
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MECHANICAL DRAWING



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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