LUGE: LEC-7000

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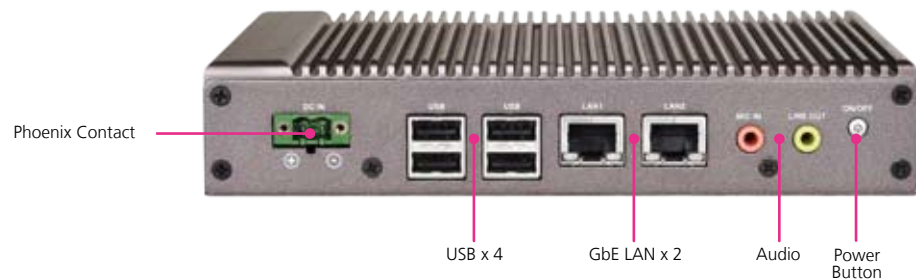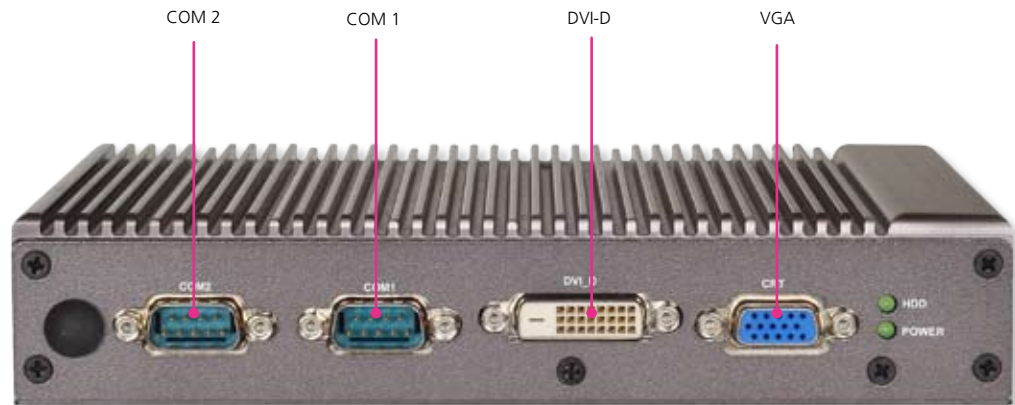
VGA

DVI-D

LAN

USB

CF

SATA

COM

ATX

COM 2   COM 1   DVI-D   VGA

Phoenix Contact

USB x 4   GbE LAN x 2   Audio   Power Button

FEATURES

- Intel® Atom™ 1.6 GHz CPU onboard
- Robust fanless enclosure
- Slim 36mm case with heat dispersing fins
- -10°C to 55°C operating temperature (with Industrial Components)
- Supports up to 2GB DDR2 memory (512MB IC on-board)
- 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.

ATOM

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 -10°C to 55°C. Whether you need a machine for digital signage, ATM, POS, or a factory controller, the LEC-7000 is built for the task.
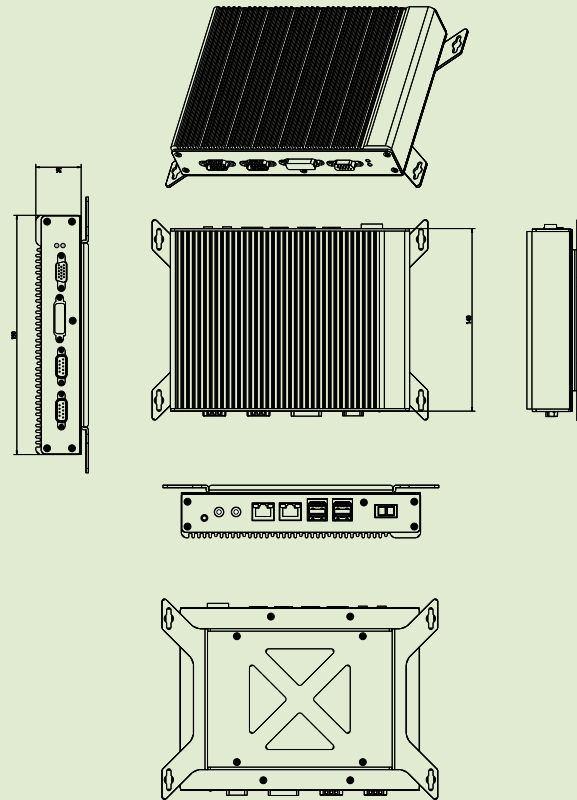
ROHS compliant   CE   FC

intel
Embedded and
Communications
Alliance   Associate

FEATURE		DESCRIPTION
Platform	Form Factor	Embedded Fanless System
	Processor	Onboard Intel Atom 1.6Ghz
	Chipset	Intel 945GSE+ICH7M
	BIOS	AMI BIOS with 8Mbit BIOS flash
	FSB	533MHz
Memory	Technology	DDR2 400/533
	Memory On Board	512MB DDR2 IC onboard
	Memory Socket	SODIMM x 1 (up to 2GB)
	Max Memory	2GB (Module) or 1.5GB (1GB Module + 512MB onboard)
Appearance	Standard Color	Grey
	Construction	Aluminum extrusion
Storage	SSD	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
Front I/O	COM	RS-232/422/485 x 2
	Video	DVI-D (Max. Res. 1600 x 1200)
		VGA (Max. Res. 2048 x 1536)
	Status LEDs	Power
		HDD
Rear I/O	Power Input	1 x 2 Phoenix Connector
	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)
		DIN-RAIL kit (optional)
		Rack 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	-10°~55°C (with industrial grade components - CF, Memory, Adapter)
	Humidity (RH), ambient operating	5~95%, non-condensing
Physical	Dimensions	144D x 190W x 36H mm
	Weight	1.07Kg
Power Supply	Input	12V DC (ATX mode)
	Power Adapter	60 W, VAC 100~240V adapter
Compliance		CE, FCC, RoHS

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.