creating value in applied computing

LUGE:LEC-7030

Fanless Intel® Atom™ 1.6Ghz embedded system with 2.5" HDD support, S-video input, VGA, DVI-D and 4 USB ports

The LEC-7030 is a fanless embedded system designed for intelligent industrial and commercial applications. The onboard Intel® Atom™ embedded processor for exceptional performance with very low heat generation and minimal cooling requirements, resulting in improved stability and longevity.

The VGA and DVI-D outputs produce flawless video playback for digital signage applications. The S-Video module provides this the ability to read and input video from virtually any other source (computers, video players, video cameras), making the LEC-7030 one of the most versatile LUGE systems.
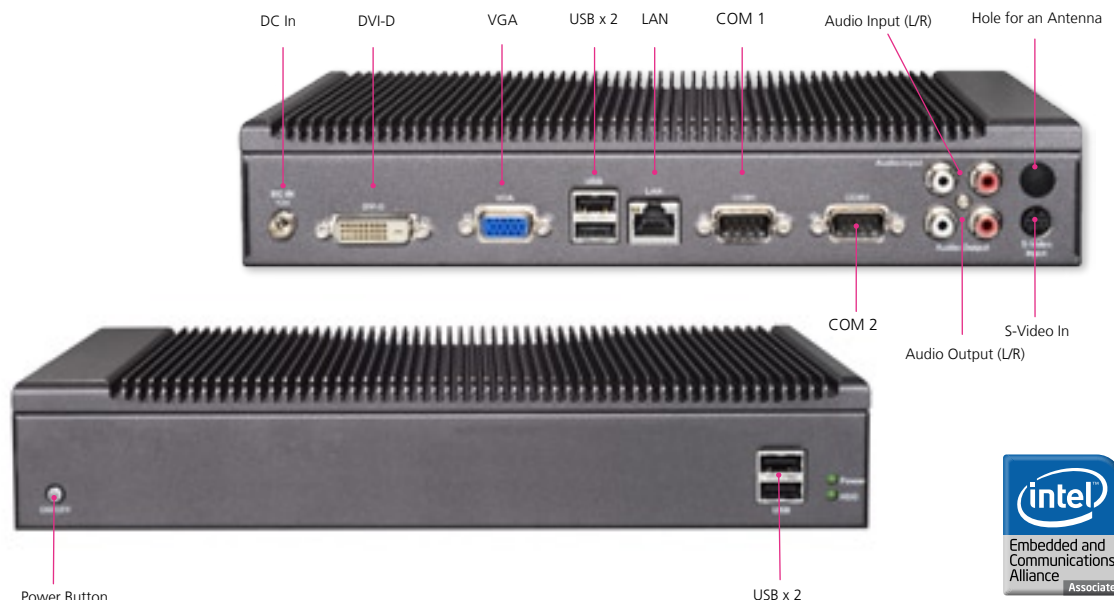
ATOM

Features

- Intel® Atom™ 1.6 GHz onboard CPU
- -10°C to 55°C operating temperature
- Supports up to 2GB DDR2 memory
- 10/100/1000 Mbps LAN
- USB x 4, COM x 2
- SATA HDD support
- Mini PCI expansion slot for S-Video In Module
- Robust fanless enclosure

S-Video

VGA

DVI-D

PCI-E

USB

CF

SATA

COM

LAN

DC In   DVI-D   VGA   USB x 2   LAN   COM 1   Audio Input (L/R)   Hole for an Antenna

COM 2

Audio Output (L/R)   S-Video In

Power Button

USB x 2

FEATURE	DESCRIPTION	
Platform	Form Factor	Embedded Fanless System
	Processor	Onboard Intel Atom 1.6GHz (N270)
	Chipset	Intel 945GSE+ICH7M
	BIOS	AMIBIOS with 8Mbit FWH
	Max. FSB	533MHz
Memory	Memory Socket	SODIMM x 1 (up to 2GB)
	Max Memory	2GB (Module)
Storage	Compact Flash	2.0mm 44-pin IDEx1 for right-angle DOM
	HDD	2.5" SATA HDD support
Controller	Controller (Interface)	RTL8111C(D) (PCIe 1X)
Video	Controller	Intel GMA 950
Audio	Codec	ALC888 HD Codec
I/O	COM Ports	RS-232 x 2
	USB 2.0	6 (External x 4; Internal x 2)
	VGA	1 (1920 x 1200 / 75Hz)
	DVI-D	1 (1600 x 1200)
	LAN	RJ45 GbE
	PS2 Keyboard & Mouse	Internal Pin Header
	Audio	Stereo Line Out (RCA L/R) Stereo Line In (RCA L/R)
	DC-in Connector Type	Power Jack w/Lock
	Expansion	Mini-PCI x1 for Video-in module MPM-7135 (S-Video In)
Hardware Monitor	Controller	Winbond W83627 UHG integrated hardware monitor
	Watchdog timer	Yes (1~255 level)
OS Supported		Linux kernel 2.4.16 or above, XPE/Win XP-32 bit
Environmental Parameters	Operating Temperature (With Industrial Components: CF, Memory, SSD, HDD)	-10°~55°C / 14°~131°F
	Operating Temperature (With Commercial Components)	-5°C~45°C / 23°~113°F
	Extended Operating Temperature Tested	N/A
Dimensions	W x H x D (mm)	268(W) x 48(H) x 174(D)
	W x H x D (Inch)	10.55"(W) x 1.89"(H) x 6.85"(D)
Power	Input (Mode)	DC +12V (ATX Mode)
	AC Adapter	AC Adapter D: 60W (+12V) Power Jack w/Lock

ORDERING INFORMATION

LEC-7030   Fanless Embedded System with Intel Atom 1.6GHz CPU, 2.5" HDD Support, S-Video Input, VGA, DVI-D, 4 USB

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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