

LUGE:LEC-7900

Intel® Core 2 Duo/ Celeron M Socket P embedded system with Nvidia MCP79 chipset, dual VGA and HDMI for high definition video



Features

- Nvidia MCP79 chipset
- Intel® Socket P CPU support
- Dual VGA ports and HDMI
- Slim 44mm case with heat dispersing fins
- Up to 4GB DDR2 memory
- Dual 10/100/1000 Mbps LAN
- USB x 4, COM x 2
- CompactFlash Type I/II or SATA HDD support

HDMI

2xVGA

WIFI

GbE

DVI-D

COM

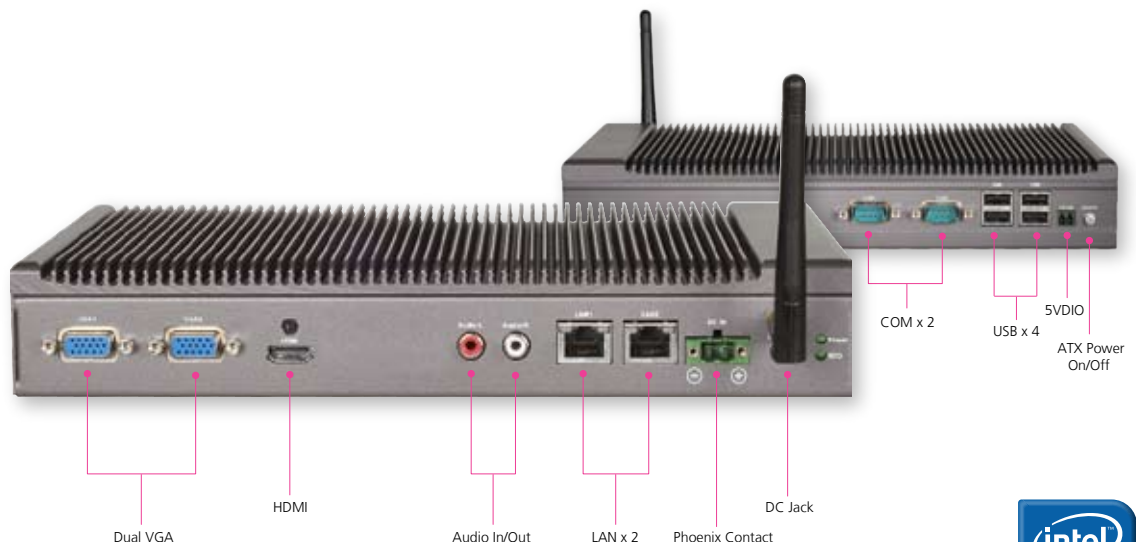
SATA

EMBEDDED SYSTEM WITH Advanced Integrated Graphics

The LEC-7900 is an ultra-compact embedded system designed for high definition video applications. It features four video out ports - HDMI and dual VGA ports - along with an Nvidia MCP79 integrated graphics chipset for improved video performance.

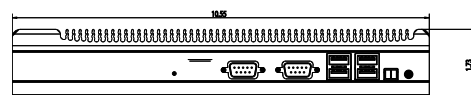
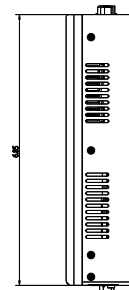
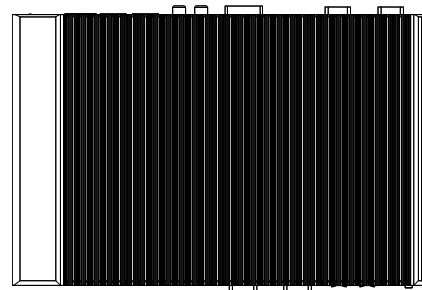
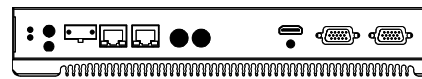
Three video out ports are included: dual VGA and an HDMI type A port for high definition video playback.

The LEC-7900's Nvidia GPU provides fluid video performance with minimal power consumption, resulting in lower operating costs and higher return on investment, while delivering stunning video in high definition.



FEATURE	DESCRIPTION	LEC-7900
Platform	Form Factor	Embedded System
	Processor	Intel Core 2 Duo, Celeron M (Socket P)
	Chipset	Nvidia MCP79
	BIOS	AMIBIOS with 8Mbit FWH
	Max. FSB	1066MHz
Memory	Memory IC On Board	No
	Memory Socket	SODIMM x 2 (up to 2GB per slot)
	Max Memory	4GB (2GB Module x 2)
Storage	Compact Flash	CF Socket Type I/II x1
	HDD	2.5" SATA HDD support
Networking	Controller (Interface)	RTL8111C(D) (PCIe 1X)
Video	Controller	Nvidia MCP79MH
Audio	Codec	ALC888 HD Codec
	COM Ports	RS-232 x 2
I/O	USB 2.0	4 (External x 4)
	Video Grabber / 3G / GPS	Video Grabber (Manufacture Option)
	VGA	2 (2048 x 1536 / 75Hz)
	HDMI	1 (1920 x 1080)
	LAN	RJ45 GbE x 2
	Audio	Stereo Line Out (RCA L/R)
	Internal CF	1
	DC-in Connector Type	Phoenix Contact 2-pin, DC Jack (MP Version)
	Expansion	Mini-PCIe x 1
	Hardware Monitor	Controller
Watchdog timer		Yes (1~255 level)
OS Supported		Win XP-32bit/ Windows Vista
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 44(H) x 174(D)
	W x H x D (Inch)	10.55"(W) x 1.73"(H) x 6.85"(D)
Power	Input (Mode)	DC +12V (ATX Mode)
	AC Adapter	AC Adapter D: 75W (+12V)
Compliance		CE, FCC, RoHS
Cooling	System Fan	1 x Smart FAN

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 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.

Contact information
 Lanner Electronics Inc
 7F, 173, Section 2 Datong Road
 Sijhih City, Taipei County 221, Taiwan

T +886 2 86926060
F +886 2 86926101
E sales@lannerinc.com
W www.lannerinc.com



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