

# LUGE:LEC-7900

Intel® Socket P embedded system with Nvidia MCP7A chipset, dual VGA, DVI and HDMI for high definition video



## Features

- Nvidia MCP7A Chipset
- Dual VGA ports DVI-D 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 1, DIO x 1
- CompactFlash Type I/II or SATA HDD support

## 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, DVI and dual VGA ports - along with an Nvidia MCP7A integrated graphics chipset for improved video performance.

The LEC-7900D'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.

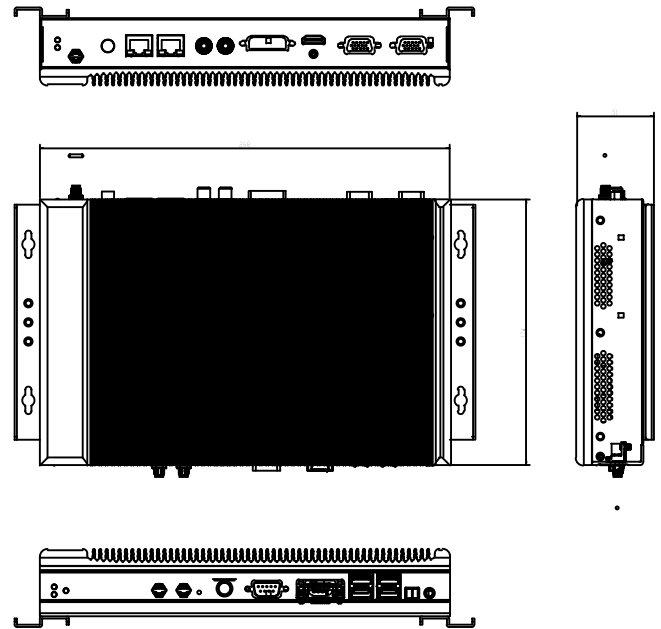
Additional features include compatibility with Intel Core 2 Duo and Celeron M technology. With up to 4 Gigabytes of memory.

- HDMI
- 2xVGA
- WiFi
- GbE
- DVI-D
- COM
- SATA



FEATURE	DESCRIPTION	LEC-7900
<b>Platform</b>	Form Factor	Embedded System
	Processor	Intel Core 2 Duo, Celeron M (Socket P)
	Chipset	Nvidia MCP7A-LP or MCP79
	BIOS	AMIBIOS with 8Mbit FWH
	Max. FSB	1066MHz
<b>Memory</b>	Memory IC On Board	No
	Memory Socket	SODIMM x 2 (up to 2GB per slot)
	Max Memory	4GB (2GB Module x 2)
<b>Storage</b>	Compact Flash	CF Socket Type III x1
	HDD	2.5" SATA HDD support
<b>Networking</b>	Controller (Interface)	RTL8111C(D) (PCIe 1X)
<b>Video</b>	Controller	Nvidia MCP7A-LP
<b>Audio</b>	Codec	ALC888 HD Codec
<b>I/O</b>	COM Ports	RS-232 x 1
	DIO	4 Digital In, 4 Digital Out
	USB 2.0	4 (External x 4)
	Video Grabber / 3G / GPS	Video Grabber (Manufacture Option)
	VGA	2 (1920 x 1440 / 60Hz)
	DVI-D	UXGA (1600 x 1200) LEC-7900D Only
	HDMI	1 x (1.3 Mode 1920 x 1200)
	LAN	RJ45 GbE x 2
	Audio	Stereo Line Out (RCA L/R)
	Internal CF	1
	<b>Hardware Monitor</b>	DC-in Connector Type
Expansion		Mini-PCIe x 1
<b>OS Supported</b>	Controller	Winbond W83627 UHG integrated hardware monitor
	Watchdog timer	Yes (1~255 level)
<b>Environmental Parameters</b>	Operating Temperature (With Industrial Components: CF, Memory, SSD, HDD)	-10°~55°C / 14°~131°F
	Operating Temperature (With Commercial Components)	-5°~45°C / 23°~113°F
	Extended Operating Temperature Tested	N/A
<b>Dimensions</b>	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)
<b>Power</b>	Input (Mode)	DC +12V (ATX Mode)
	AC Adapter	AC Adapter D: 75W (+12V)
<b>Compliance</b>		CE, FCC, RoHS
<b>Cooling</b>	System Fan	1 x Smart FAN

## MECHANICAL DRAWING



## ORDERING INFORMATION

<b>LEC-7900A</b>	Embedded System with NVIDIA MCP79, Dual VGA, HDMI video out, GbE LAN x2, SATA, CF Socket and Mini-PCIe Expansion
<b>LEC-7900D</b>	Embedded System with NVIDIA MCP7A, Dual VGA, DVI-D, HDMI video out, GbE LAN x2, SATA, CF Socket and Mini-PCIe Expansion

### 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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