

LEC-2220 Performance Industrial Computer

Intel® Core i7/i5/Celeron Powered IPC with 6 Serial Ports and Multiple Expansion Opportunities



Features

- Intel HD Graphics Engine
- DVI-I and DVI-D video out
- Extended temp. range -20° to 55°C
- Up to 8GB DDR3 memory
- Dual 10/100/1000 Mbps LAN
- USB x 6, COM x 6, DIDO x 1
- SATA HDD/SATA DOM support
- Choice of Intel Core i7, i5 or Celeron Processors

DVI-I

WIFI

GbE

DVI-D

COM

SATA

3G



EMBEDDED SYSTEM WITH

Intel Core CPU

The LEC-2220 is Lanner's high performance option for rugged IPCs. Lanner Engineers designed the system to cover virtually every aspect of industrial control. Performance wise, the high-end Intel® CPU provides more than enough processing power for signal translation, digital signage, decoding 3G transmissions and updating of other computers.

Intel HD Graphics offers great HD playback through both the DVI-I and DVI-D port. The Intel Controller and GbE LAN ports ensures top notch networking capabilities.

The LEC-2220 also offers a variety of different expansion opportunities to further customize the platform. Models come with a combinations of Mini-PCIe, PCI and PCIe slots.

LEC 2 Series		LEC-2220
Dimension (WxHxD)		277x(67/89)x194mm 10.91"x(2.64/3.50)"x7.64"
Processor		Intel i7/i5/Celeron
Chipset		HM55
System	Technology	DDR3 SODIMM x2
Memory	Max. Capacity	Up to 8GB
	IDE	N/A
Storage	SATA	2.5" HDD/SSD drive bay x1; SATA-DOMx1

Ethernet Controller Intel 82574L x2

Graphic Controller Intel HD Graphics

Audio Controller Realtek ALC885

IO	LAN	GbE RJ45 x2
	Display	DVI-I x1 DVI-D x1
	Video Grabber	No
	Audio	Phone Jack x2 for Mic-in and Line-out
	Serial I/O	Totally 6: DB9 x2 for RS232/422/485 x1 and RS232 x1, 10-pin Terminal Block for RS232 x3 and RS232/422/485 x1
	GPS	No
	Digital I/O	DB9 Female x1 for DI x4 & DO x4 (5V TTL)
	USB 2.0	Type A x4 Internal x2
	Power Input	2-pin terminal block
	Expansion	Mini-PCIex1 with SIM card reader ; LEC-2220P: PCI x1 or PCIe x1 ; LEC-2220P2: PCI x2
	Others	External: Power-on button, Power-on switch, reset. Internal: PS/2 keyboard and mouse, +5Vdc output

Power Input +9~30Vdc, ATX Mode

AC Adapter 75W +19V @ 3.95A

Hardware Monitor Fintek F81865 integrated watchdog timer
1~255 level

OS Support Linux , XPE/WES2009, XP PRO FES, WS7E, WS7P, WIN 7 PRO-E

Certifications CE, FCC Class A

Compliance No

Operating Temperature Range with Industrial Components (Industrial Memory, CF, HDD, SSD....)
-20~55°C/-4~131°F

Operating Temperature Range with Commercial Components
-5~45°C/23~113°F

Extended Operating Temperature Tested: 70°C: No Damage after 72-hours full-loading operating -40°C: Bootable after 24-hours
Yes

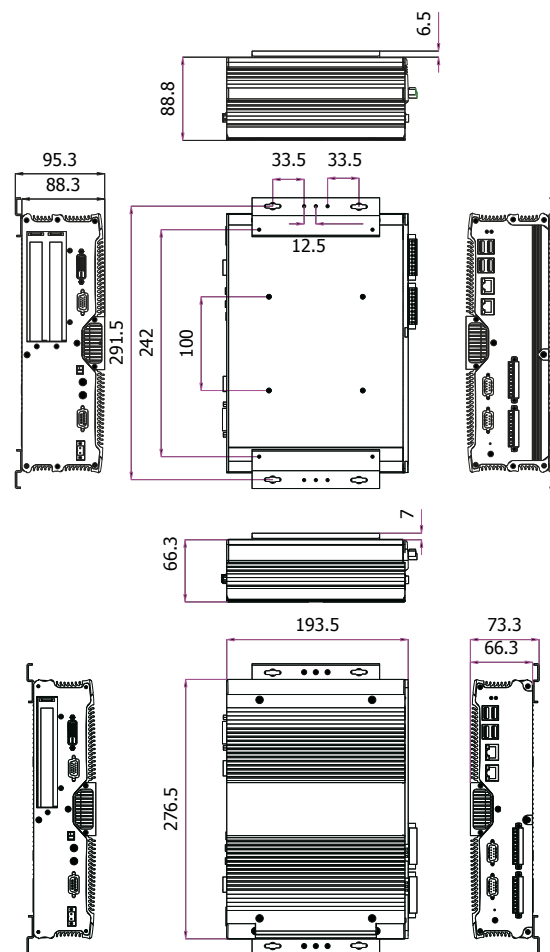


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MECHANICAL DRAWING



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 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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