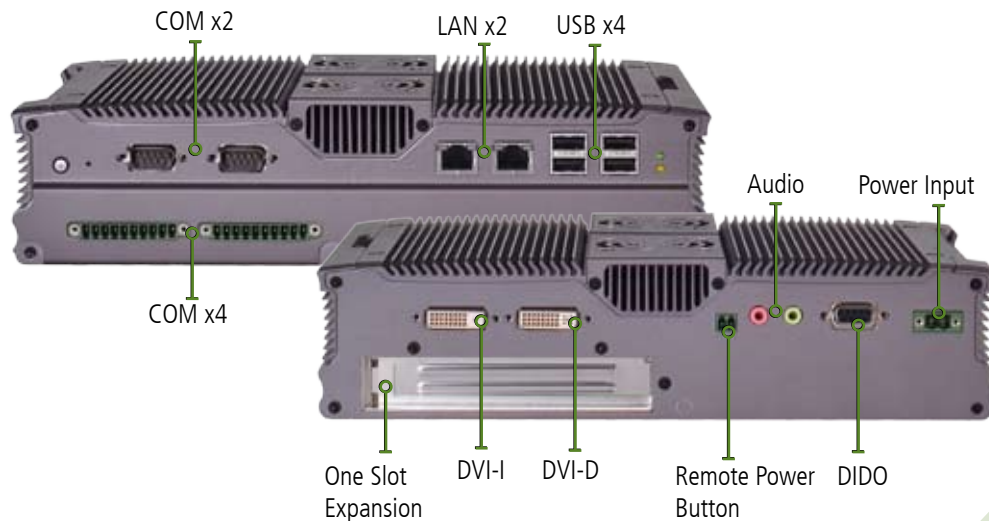


# LEC-2220

## Behemoth IPC with Intel Core i5 / i7 / Celeron CPU



### Features

#### Intel HM55 Chipset

Compatible with Intel Core i5 & i7 CPUs, this chipset offers support for high quality Intel graphics and other Intel technologies.

#### DDR3 memory

This product uses DDR3 RAM. DDR3 RAM has a transfer rate twice as fast as its predecessor (DDR2), which enables higher bandwidth.

#### Multi-screen support

This platform comes with multiple video-out ports and can support separate video streams on dual displays.

#### Integrated SIM card reader

Integrated in a mini-PCIe slot, the SIM card readers allow for users to enable 3G use for their IPC.

#### Expandable PCI or PCIe slot

The product has additional space for another PCI or PCIe expansion. Allowing customers to choose what type of expansion slot they need.

#### Easily replaceable fan

This appliance's fan is located outside of the chassis. This allows the fan to be easily replaced in the field without opening up the appliance.

### Wide voltage input range

This product supports a wider range of voltage inputs, allows for easier onsite implementation by lessening the need for an external power supply.

### Intel network controllers

The appliance uses top-of-the-line Intel NICs giving the customer the benefits of quality design and thorough engineering. SIM card readers allow for users to enable 3G use for their IPC.

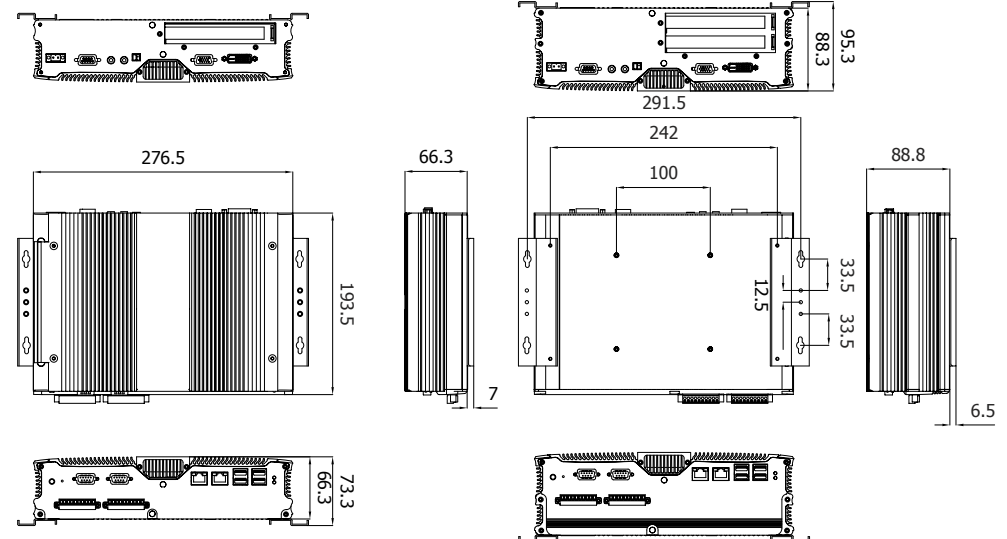
### Terminal block connections

This product features serial ports utilize terminal blocks for its I/O ports. Terminal blocks can receive a multitude a different kind of wiring making these ports adaptable for different environments.

### Screw-locked power plug

This power plug is made to screw directly into the appliance chassis, allowing secure power connection in even the harshest of settings.

### Dimensions 277x(67/89)x194mm 10.91"x(2.64/3.50)"x7.64"



## Specifications

<b>Dimensions (WxHxD)</b>		277x(67/89)x194mm 10.91"x(2.64/3.50)"x7.64"	
<b>Processor</b>		Intel Core i5/i7, Celeron	
<b>Chipset</b>		Intel HM55	
<b>System Memory</b>	Technology	DDR3 SO-DIMM x2	
	Max. Capacity	Up to 8GB	
<b>Storage</b>	IDE	N/A	
	SATA	2.5" SSD/HDD drive bay x1,	
<b>Ethernet Controller</b>		Intel 82574L x2	
<b>Graphic Controller</b>		Intel GMA HD Graphics Engine	
<b>Audio Controller</b>		ALC888/886	
<b>IO</b>	LAN	GbE RJ45 x2	
	Display	DVI-I x1	
		DVI-D x1	
	Video Grabber	N/A	
	Audio	Phone Jack x2 for Mic-In and Line-Out	
	Serial I/O	Total 6: DB9 x2 for RS232./422/485 x1 and RS232 x1, 10-pin Terminal Block for RS-232 x3, and RS232/422/485 x1	
		GPS	N/A
	Digital I/O	DB9 Female x1 for DI x4 (5V TTL) & DO x4	
	USB 2.0	Type A x4; Internal x2	
	Power Input	Terminal Block 2-pin	
	Expansion	Mini-PCIe x1 with SIM card reader	
		LEC-2220P: PCI x1 or PCIe(x1) x1 LEC-2220P2: PCI x2	
<b>Power Input</b>		+9~30VDC, ATX mode	
<b>AC Adapter</b>		75W +19V @ 3.95A	
<b>Hardware Monitor</b>		Fintek F81865 Integrated Watchdog Timer 1~255 level	
<b>OS Support</b>		Linux, XPE/WES2009, XP Pro FES, WS7E, WS7P, Win 7 Pro FES	
<b>Certifications</b>		CE, FCC Class A	
<b>Operating Temperature Range</b>	With Industrial Components	-20~55°C / -4~131°F	
	With Commercial Components	-5~45°C / 23~113°F	
	High/Low Extended Temperature Tested	No Damage after 72-hours full loading operating @ 70°C Bootable after 24 hours @ -40°C	

## Ordering Information

LEC-2220P	Intel i5/i7/Celeron socket CPU support, DDR3 SO-DIMM x2, w/ 6 COM, DVI-I, DVI-D, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with one PCI or PCIe expansion
LEC-2220P2	Intel i5/i7/Celeron socket CPU support, DDR3 SO-DIMM x2, w/ 6 COM, DVI-I, DVI-D, LAN x2, DIO (4 in, 4 out), Audio, +9~30V DC input support with two PCI expansion

## Standard Accessories

<b>080W1N2201001</b>	SATA SSD / HDD cable w/ power
<b>04AW20100101</b>	Terminal Block-10 Pin (2pcs)
<b>04AW20023Z101</b>	Terminal block for remote power button
<b>SE9ESA900R100</b>	Wall Mount - 4
<b>0P0W075190001</b>	75W 19V/3.95A adaptor

## Optional Power Accessories

<b>080W240318306</b>	US Power Cord
<b>080W240318305</b>	Schuko (EU) Power Cord
<b>080W240318301</b>	UK Power Cord
<b>080W240318307</b>	China Power Cord
<b>080W240318309</b>	Japan Power Cord

## Optional Accessories

<b>0TAW34600Z01</b>	<b>3G Module:</b> Novatel E346 (**MOQ 50)
<b>0TAWQ802XKZ02</b>	<b>Wi-Fi Module:</b> 802.11 b/g/n Mini-PCIe card