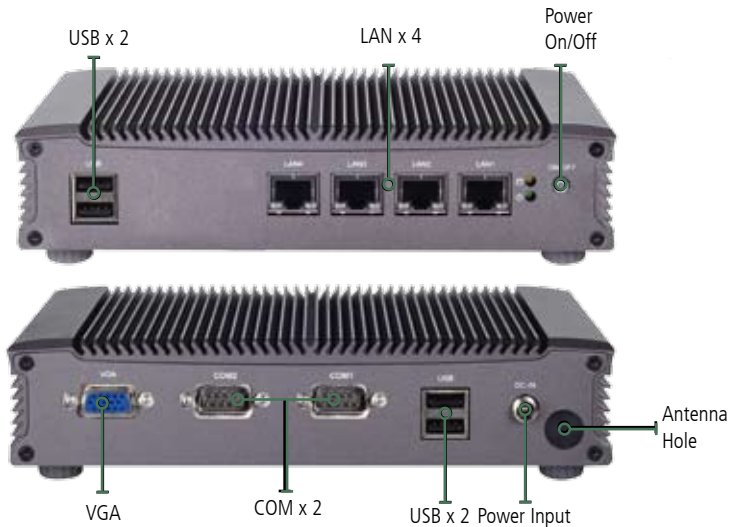


# LEC-7220

## Fanless Industrial PC with Intel® Atom™ N2800 CPU



### Features

#### Designed for Machine Vision and Vision Control Systems

The LEC-7220 has outstanding throughput for network performance. It is designed to be connected with multiple Gigabit Ethernet cameras for machine vision or vision control systems.

#### Onboard New Intel Atom Processors

Using Intel 32 nm process technology, the Intel Atom N2800 processor offers a dual-core, low-power chip with enhanced graphics capability.

#### Extreme Operating Temperature

This product is ruggedized to support a wider than usual range of temperatures. Outfitted with industrial components (SSD, CF, memory) this appliance can thrive in harsh conditions.

#### Rich I/O Interfaces

This product provides a rich I/O interface, including 4 or 6 GbE LAN ports, 2 COM ports and 4 USB ports for communications.

#### Integrated SIM Card Reader

Integrated in a mini-PCIe slot, the SIM card reader allows for a 3G internet connection from the IPC.

### Fanless Design

This IPC's lifespan has been extended by removing the most easily damaged component, the fan.

### Dust-proof Design

Solid chassis design with a fanless interior allows for this product to be completely dustproof when installed correctly, insuring longevity of the product.

### Various Mounting Options

This product provide various mounting options, including VESA mounting, wall mounting, rack mounting and DIN rail mounting options.

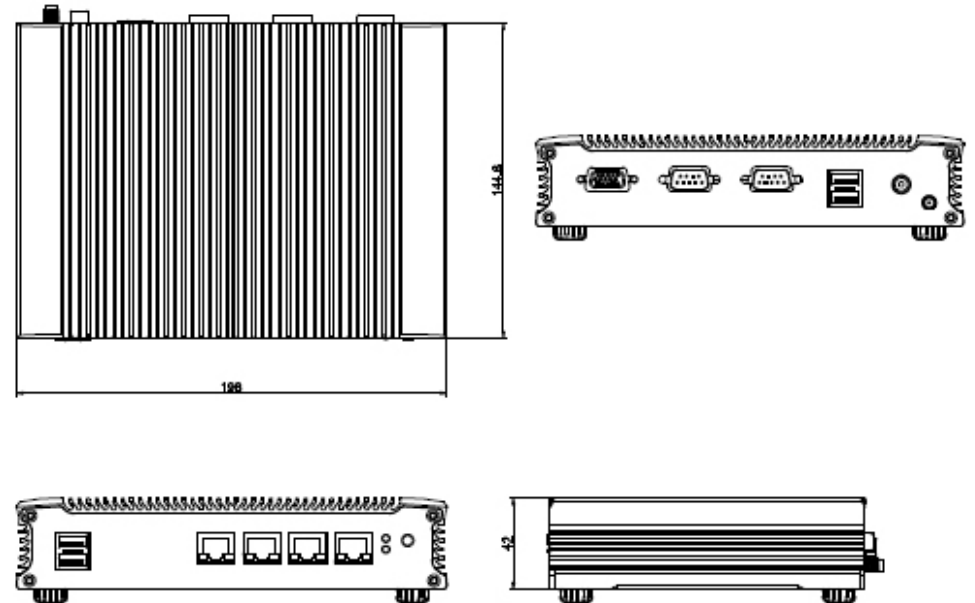
### VGA Ports

This platform comes with a VGA port to allow easy configuration, diagnostics and troubleshooting during customer setup.

### Easily Opened Chassis with No Tool Required

The bottom covering can be simply opened by removing 4 screws, often found in the products footpads. This allows for easy installation or replacement of the internal CF, HDD, memory and Mini-PCIe devices.

### Dimensions: 198 x 42 x 145 mm (7.79" x 1.65" x 5.7")



## Preliminary Specifications

<b>Processor Options</b>		Intel® Atom™ N2800 (1.86 GHz) CPU
<b>Chipset</b>		Intel® NM10
<b>BIOS</b>		AMI BIOS
<b>System Memory</b>	Sockets	1 x 204-pin SODIMM socket
	Technology & Max. Frequency	DDR3 1066 MHz
	Max. Capacity	4 GB
<b>USB</b>		4 x USB 2.0 compliant hosts: Type A connector
<b>Antenna slot</b>		SMA Antenna slot for wireless connectivity
<b>Expansion Bus</b>		One Mini-PCIe with SIM card reader (USB signal only)
<b>OS Support</b>		Microsoft Window 7/7 Embedded, Linux Cent OS 5
<b>Storage</b>	HDD/SSD Support	1 x 2.5" HDD/SSD drive bay (reserved)
	Expansion	1 x CF Type I/II socket
<b>Networking</b>	LAN	4 or 6 x 10/100/1000Mbps, Autosensing, RJ45
	Controller	Intel 82583V x 4, ASIX AX88179 USB Gigabit Ethernet x 2 (LEC-7220-N6 Only)
<b>Display</b>	Graphics Controller	Intel® integrated Graphics Media Accelerator
	Display Interface	VGA x 1 (up to 1920 x 1200)
<b>Serial I/O</b>		DB9 for RS-232 x 2
<b>LEDs</b>		1 x two-stack LEDs. Yellow for storage-access status and green for power-on status
<b>Physical Characteristics</b>	Housing	Aluminum
	Weight	1 kg
	Dimensions (W x H x D)	198 x 42 x 145 mm (7.79" x 1.65" x 5.7")
	Mounting Options	Rack, VESA, DIN-rail and Wall mount
<b>Environment</b>	Operating Temperature	-20~55°C (with industrial grade components)
	Storage Temperature	-20~75°C
	Ambient Relative Humidity (non-condensing)	5 to 95% (non-condensing)
<b>Power</b>	Input Voltage	+12 V DC with ATX power control
	Power Consumption	TBD
	Connector	DC jack with lock
	AC Adapter	External AC/DC Adapter, 60 W DC Jack
<b>Standard and Regulation</b>	EMC	CE/FCC
	Green Product	RoHS
<b>Reliability</b>	Alerts	Built-in buzzer and real-time clock with lithium battery backup
	Automatic Reboot Trigger	Watchdog timer 1~255 level time interval system reset, software programmable
	MTBF	TBD

## Ordering Information

<b>LEC-7220-N4</b>	Fanless Industrial PC with Intel® Atom™ N2800 (1.86 GHz) CPU and 4 LAN ports
<b>LEC-7220-N6</b> (By Request)	Fanless Industrial PC with Intel® Atom™ N2800 (1.86 GHz) CPU and 6 LAN ports

## Standard Accessories

<b>080W1N0002001</b>	SATA SSD/HDD cable with power
<b>0P0W060120001</b>	60 W AC power adapter to 12 V 5 A DC jack with lock

## Optional Power Cords

<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 Mounting kit

<b>SE9ESA900R100</b>	Wall Mount 4
<b>PE9ESA8300100</b>	VESA Mount
<b>SE9ESA831R100</b>	Rack Mount
<b>090W405000001</b>	DIN Rail Mount

## Optional Accessories

<b>0TAWMC8705Z01</b>	3G module	Green MC8705 PCI Express Mini Card 3G Module Sierra
<b>0TAWWPER17Z01</b>	Wi-Fi module	Green WPER-172GN 802.11b/g/n Mini PCIe module SparkLAN
<b>080W1Q0001501</b>	Antenna	Internal Wi-Fi Antenna Cable
<b>0TZW000000039</b>	Antenna	SMA Antenna, male jack/female plug
<b>080W0Q0000501</b>	Antenna	Internal Antenna Cable for 3G/GPS module
<b>0TZW000000072</b>	Antenna	3G Module External Antenna