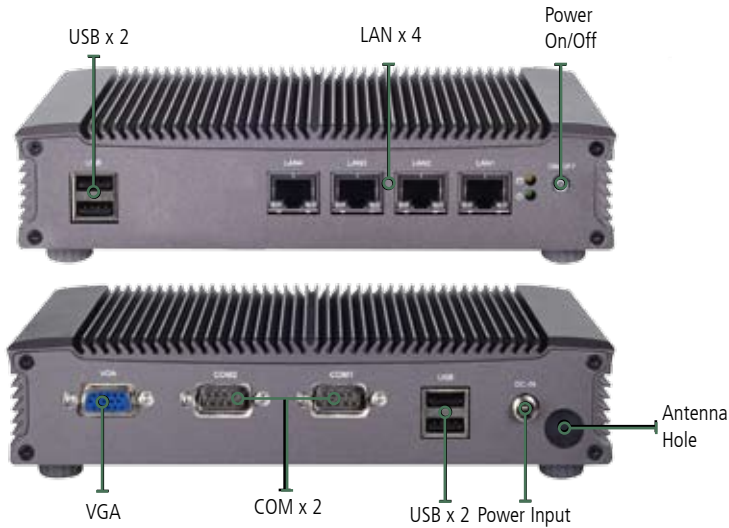


LEC-7220

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.

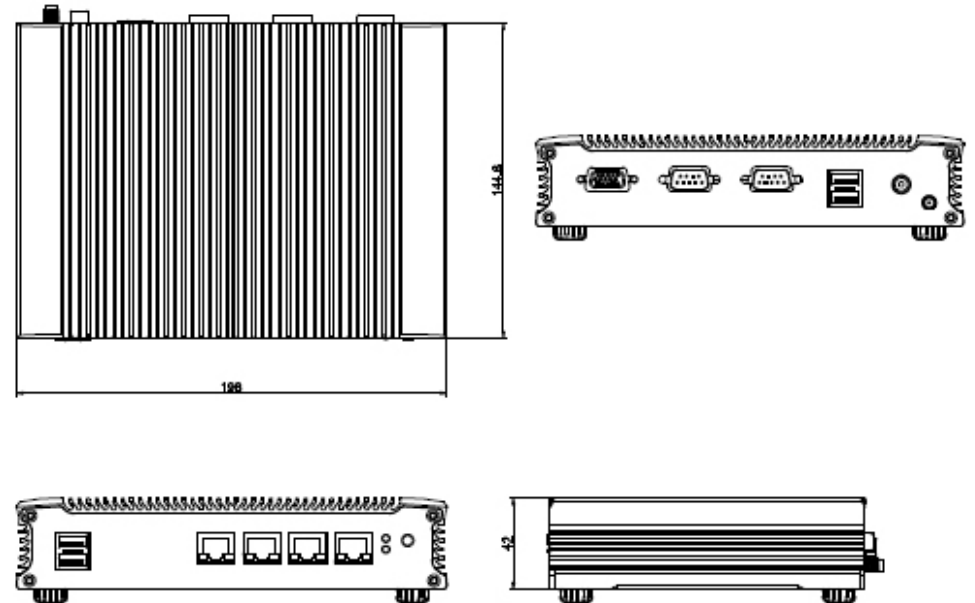
VGA Ports

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 144.8 mm (7.79" x 1.65" x 5.7")



Preliminary Specifications

Processor Options		Intel® Atom™ N2800 (1.86 GHz) CPU
Chipset		Intel® NM10
BIOS		AMI BIOS
System Memory	Sockets	1 x 204-pin SODIMM socket
	Technology & Max. Frequency	DDR3 1066 MHz
	Max. Capacity	4 GB
USB		4 x USB 2.0 compliant hosts: Type A connector
Antenna slot		SMA Antenna slot for wireless connectivity
Expansion Bus		One Mini-PCIe with SIM card reader (USB signal only)
OS Support		Microsoft Window 7/7 Embedded, Linux Cent OS 5
Storage	HDD/SSD Support	1 x 2.5" HDD/SSD drive bay
	Expansion	1 x CF Type I/II socket
Networking	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)
Display	Graphics Controller	Intel® integrated Graphics Media Accelerator
	Display Interface	VGA x 1 (up to 1920 x 1200)
Serial I/O		DB9 for RS-232 x 2
LEDs		1 x two-stack LEDs. Yellow for storage-access status and green for power-on status
Physical Characteristics	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
Environment	Operating Temperature	-20~55°C (with industrial grade components)
	Storage Temperature	-20~75°C
	Ambient Relative Humidity (non-condensing)	5 to 95% (non-condensing)
Power	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
Standard and Regulation	EMC	CE/FCC
	Green Product	RoHS
Reliability	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

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

Standard Accessories

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

Optional Power Cords

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

Optional Mounting kit

SE9ESA900R100	Wall Mount 4
PE9ESA8300100	VESA Mount
SE9ESA831R100	Rack Mount
090W405000001	DIN Rail Mount

Optional Accessories

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