

# LEC-2050

## Rugged Computer with Intel® Atom™ N270



### Features

#### Intel® Atom™ N270

Single core Intel Atom N270 features 1.6GHz clock speed and a 512KB cache. It utilizes 2.5W of power.

#### Fanless

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.

#### Mini-PCI expansion slot

This product features a Mini-PCI slot to allow customers to customize this appliance to different applications.

#### Multiple display ports

This platform comes with multiple video-out ports to allow easy integration with any signage set-up.

#### Remote power control

In addition to the power-on button there is a terminal block connector to connect a wired remote power controller. This allows unit's power to be controlled from a distance.

### 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.

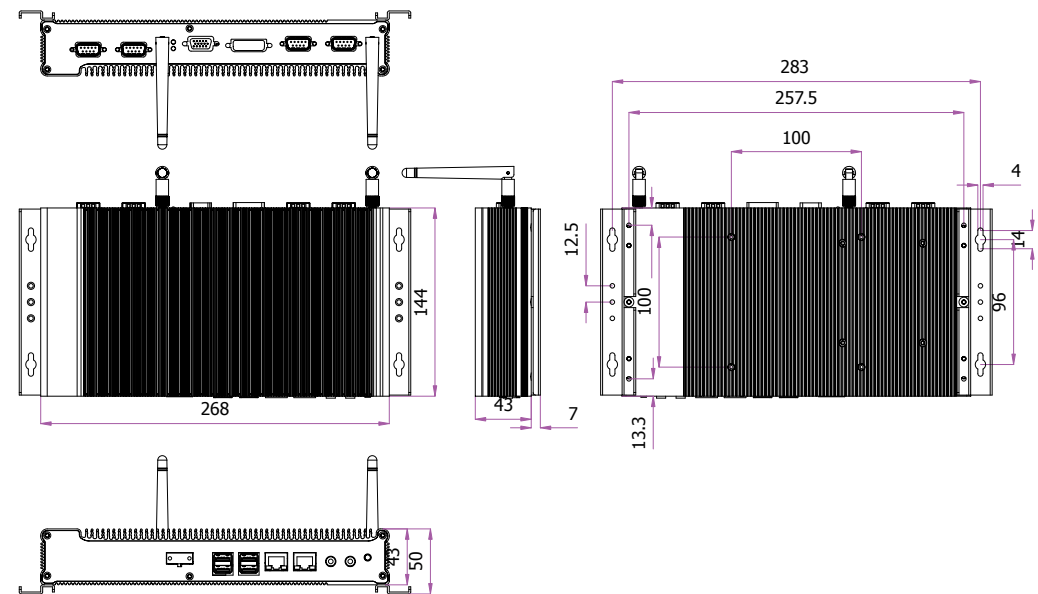
### Extreme operating temperature

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

### Cable-free interior

The interior of this product contains no wires, making this industrial product as rugged as possible.

### Dimensions



## Specifications

<b>Dimensions (WxHxD)</b>		268x43x144mm (10.55"x1.69"x5.67")
<b>Processor</b>		Intel Atom N270 (1.6GHz)
<b>Chipset</b>		Intel 945GSE + ICH7M
<b>System Memory</b>	Technology	DDR2 onboard 512MB DDR2 SO-DIMM x1
	Max. Capacity	Up to 2GB
<b>Storage</b>	IDE	CF socket Type I/II x1
	SATA	2.5" SSD/HDD drive bay x1
<b>Ethernet Controller</b>		Realtek RTL8111C x2
<b>Graphic Controller</b>		Intel Graphics Media Accelerator 950
<b>Audio Controller</b>		Realtek ALC888/ALC886
<b>IO</b>	LAN	GbE RJ45 x2
	Display	DB15 x1 for VGA DVI-D x1
	Video Grabber	N/A
	Audio	Phone jack x2 for Mic-in / Line-out
	Serial I/O	DB9 x4 for RS232 x2 and RS232/422/485 x2
	GPS	N/A
	Digital I/O	N/A
	USB 2.0	Type A x4
	Power Input	2-pin terminal block
	Expansion	Mini-PCI x1
	Others	External: Power-On Button, SMA Antenna Hole x2 Internal: PS/2 Keyboard & Mouse, +5Vdc output, LVDS (Manufacturing BOM Option)
<b>Power Input</b>		+13~32Vdc ATX Mode
<b>AC Adapter</b>		60W +24V @ 2.5A
<b>Hardware Monitor</b>		Winbond W83627UHG integrated Watchdog Time 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>Compliance</b>		N/A
<b>Operating Temperature Range</b>	With Industrial Components	-10~55°C / 14~131°F Passed Extended Operating Temperature Test: 70° C: No Damage after 72-hours full-loading operating -20° C: Bootable after 24-hours
	With Commercial Components	-5~45°C / 23~113°F

## Ordering Information

LEC-2050	Intel Atom N270 1.6GHz CPU and 512MB DDR2 memory onboard, w/ 4 COMs, DVI-D / VGA Display, Dual GbE, Audio, +13~32V DC
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## Standard Accessories

<b>093W000001002</b>	Rubber Foot
<b>070W102400801</b>	Foot Screws
<b>080W141503001</b>	SATA Power Cable 30cm
<b>080W170703006</b>	SATA Cable 30cm
<b>070W104000601</b>	HDD Screws
<b>0P0W060240A01</b>	60W 24V/2.5A, Terminal Block
<b>SE9ESA8740100</b>	Wall Mount - 3

## 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 Brackets

<b>PE9ESA8300100</b>	VESA Mount
<b>SE9ESA831R100</b>	RACK Mount
<b>090W405000001</b>	DIN Rail Mount Bracket
<b>S090AL7460010</b>	DIN Rail Mount Accessory for Wall Mount - 2/3/4

## Optional Accessories

<b>0TAW E3460Z01</b>	<b>3G Module:</b> Novatel E346 (**MOQ 50)
<b>0TAWQ802MKZ01</b>	Wi-Fi Module: 802.11 b/g/n Mini-PCI card