

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.

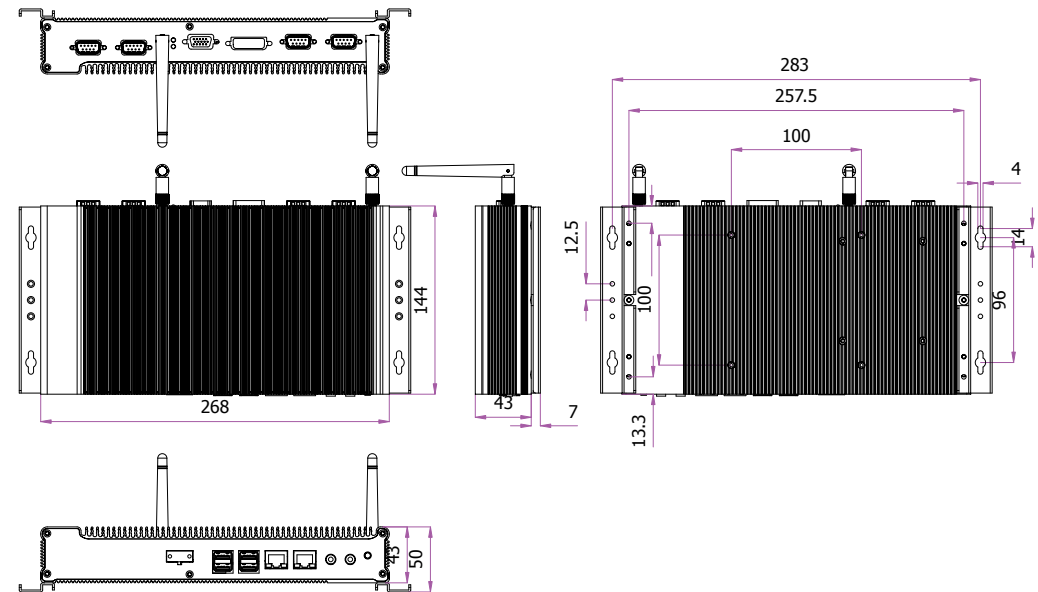
Extreme operating temperature

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

Dimensions (WxHxD)		268x43x144mm (10.55"x1.69"x5.67")
Processor		Intel Atom N270 (1.6GHz)
Chipset		Intel 945GSE + ICH7M
System Memory	Technology	DDR2 onboard 512MB DDR2 SO-DIMM x1
	Max. Capacity	Up to 2GB
Storage	IDE	CF socket Type I/II x1
	SATA	2.5" SSD/HDD drive bay x1
Ethernet Controller		Realtek RTL8111C x2
Graphic Controller		Intel Graphics Media Accelerator 950
Audio Controller		Realtek ALC888/ALC886
IO	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)
Power Input		+13~32Vdc ATX Mode
AC Adapter		60W +24V @ 2.5A
Hardware Monitor		Winbond W83627UHG integrated Watchdog Time 1~255 level
OS Support		Linux, XPE/WES2009, XP Pro FES, WS7E, WS7P, Win 7 Pro FES
Certifications		CE, FCC Class A
Compliance		N/A
Operating Temperature Range	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

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

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 Brackets

PE9ESA8300100	VESA Mount
SE9ESA831R100	RACK Mount
090W405000001	DIN Rail Mount Bracket
S09OAL7460010	DIN Rail Mount Accessory for Wall Mount - 2/3/4

Optional Accessories

0TAWWE34600Z01	3G Module: Novatel E346 (**MOQ 50)
0TAWQ802MKZ01	Wi-Fi Module: 802.11 b/g/n Mini-PCI card