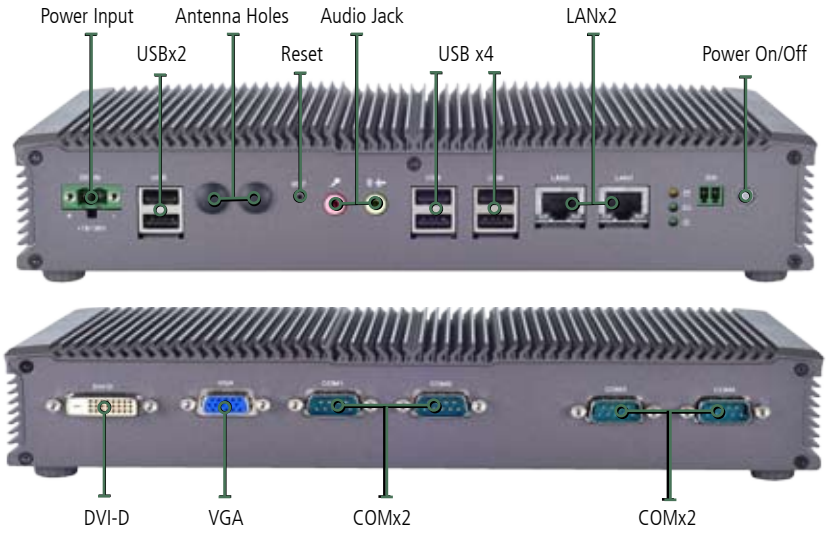
LEC-2250

Fanless Industrial PC with Intel® Atom™ D2550 CPU



Features

Rich I/O Interfaces
This product provides rich I/O interface, includes 2 GbE LAN ports, 4 serial COM ports and 6 USB ports for communications.

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.

Wide Range Power Input
The power input support wide range up to 18~36V.

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

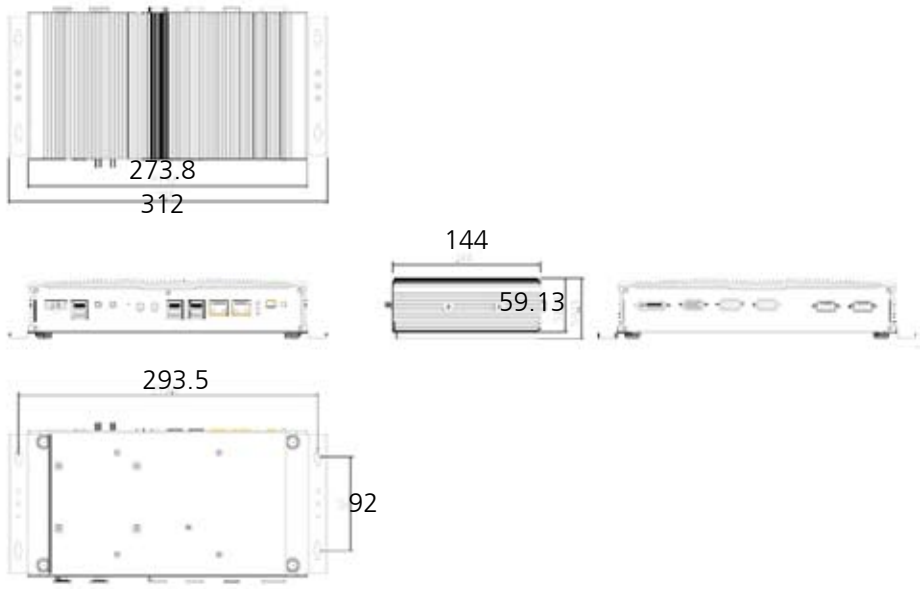
Intel® Atom™ D2550
Dual core Cedarview Intel Atom CPUs feature the 1.86 GHz D2550 which uses 10 Watts.

Fanless Design
This IPCs 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.

Multiple Display Ports
This platform comes with multiple video-out ports (VGA and DVI-D) to allow easy integration with any signage setup.

Dimensions 273.8x60x144mm(10.78"x2.36"x5.67")



Preliminary Specifications

Processor Options		Intel® Dual Core Atom™ D2550 (1.86GHz)
Chipset		Intel® NM10
BIOS		AMI 32bit SPI UEFI BIOS
System Memory	Sockets	1 x 204-pin SODIMM socket
	Technology	DDR3 1066/1333MHz
	Max. Capacity	Up to 4 GB
USB		6x USB 2.0 compliant hosts: Type A connector
Expansion Bus		2x Mini-PCIe expansion sockets, one for PCIexpress 1x and USB 2.0 signals(half size) and the other is for USB 2.0 with SIM-card reader
OS Support		Microsoft Window 7/7 Embedded/XP/XP Embedded, Linux 2.6.32 or later
Storage	HDD/SSD Support	1x 2.5" HDD/SSD drive bay
	Expansion	CF socket Type I/II x1, 1xSATA port for 1x 2.5" SSD/HDD driver bay
Networking	LAN	2x10/100/1000Mbps, Autosensing,RJ-45
	Controller	Intel 82583V x2
Display	Graphics Controller	Intel® onboard Graphics GMA3650
	Display Interface	VGA x1, DVI-D x1
LEDs		Power, HDD active, 3G active
Physical Characteristics	Housing	(SECC) Sheet Metal
	Weight	TBD
	Dimensions (WxHxD)	273.8x60x144mm
	Mounting Options	VESA, DIN-rail and Wall mount
Environment	Operation Temperature	-20~55°C (with Industrial grade components)
	Storage Temperature	-20~70°C
	Ambient Relative Humidity (non-condensing)	5 to 95% (non-condensing)
Power	Input Voltage	+18~36Vdc
	Power Consumption	TBD
	Connector	2-pin terminal block with lock
	AC Adapter	Ordering option
Standard and Regulation	EMC	CE/FCC
	Green product	RoHS
Reliability	Alter tool	Built-in buzzer and RTC (real-time clock) with battery lithium backup
	Automatic Reboot Trigger	Watchdog Timer 1~255 level time interval system reset, software programmable
	Warranty	2 Years
	MTBF	TBD

Ordering Information

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Standard Accessories

SE9ESAD07R100	Wall Mount - 5
04AW20023Z101	Terminal block for remote power button
080W1N0002001	SATA SSD/HDD cable w/ power

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

PE9ESA8300100	VESA Mount
090W405000001	DIN Rail Mount

Optional Accessories

0P0W060240A01	AC Adapter 60W 24V/2.5A, Phoenix Contact
SE9ESAC80R100	Thermal solution for Mini-PCIe module (for Novatel E346 & Azurewave AW-NE773)
0TAWE34600Z01	3G Module, Novatel E346 (**MOQ 50)
0TAWAWNE77Z01	Wi-Fi Module, 802.11 b/g/n Mini-PCIe card
080W1Q0002001	Internal Wi-Fi Antenna Cable
0TZW000000039	SMA Antenna, male jack / female plug
080W1Q0001501	Internal Antenna cable for 3G//GPS module
0TZW000000072	3G Module External Antenna