LEC-2110

Fanless Industrial PC with Dual Core Intel Atom D525

2x COM   DVI   VGA   4x COM   DC in

PCI or PCIe Expansion Slot

Remote Power

DIO   6x USB   2x LAN   Audio
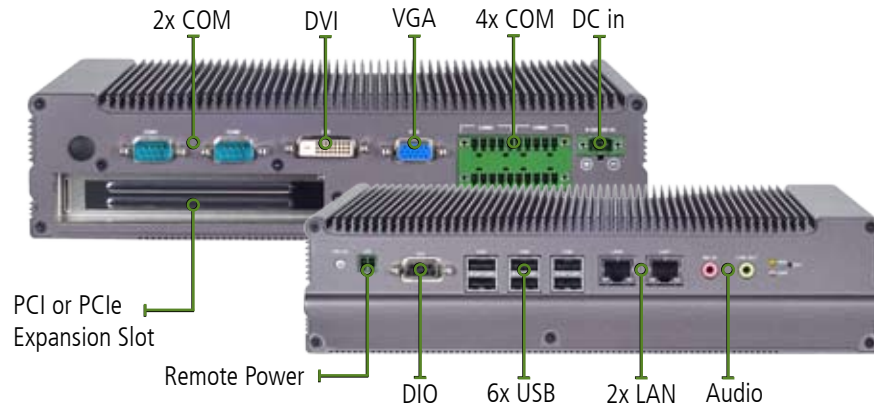
Features

Intel® Atom™ D525
Dual core Intel Atom D525 features 1.8GHz clock speed and a 1MB cache. It utilizes 13W of power.

Expandable PCI or PCIe slot
The product has additional space for another PCI or PCIe expansion. Allowing customers to choose what type of expansion slot they need.

Fanless
This IPCs lifespan has been extended by removing the most easily damaged component, the fan.

Wide voltage input range
This product supports a wider range of voltage inputs, allows for easier onsite implementation by lessening the need for an external power supply.

Multi-screen support
This platform comes with multiple video-out ports and can support separate video streams on dual displays.

Hardware auto flow control
Designed for use with RS-485 signals, hardware autoflow control allows signals to travel back and forth along the same one-way channel.

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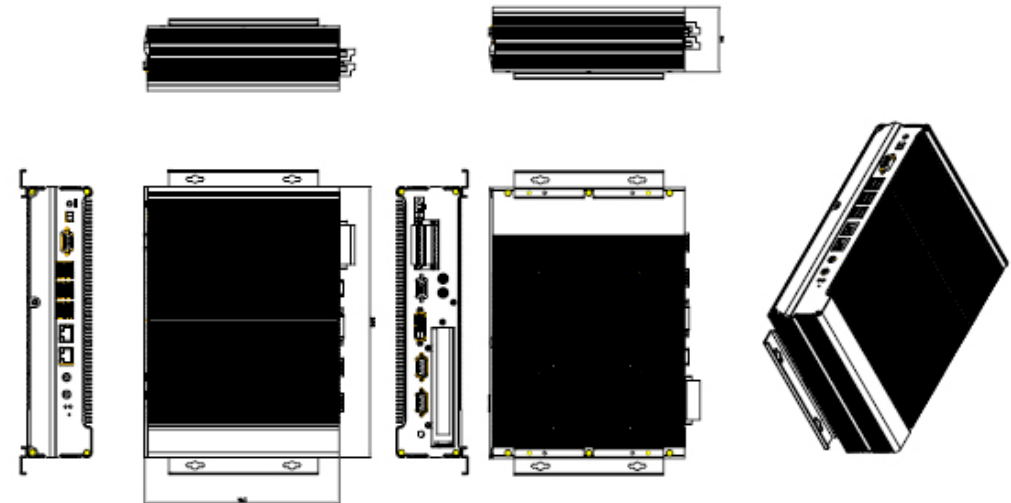
Remote power control
In addition to the power on button there is a terminal block connector to connect a wired remote power controller. This allows unit's power to be controlled from a distance.

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

LED indicators
LED indicators makes it easy to check working status.

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.

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 adapable for different environments.

Dimensions

Specifications

Dimensions (WxHxD)		268x64x190mm (10.55" x 2.52" x 7.60")
Processor		Intel Atom D525 (1.8GHz)
Chipset		Intel ICH8M
System Memory	Technology	DDR3 SODIMM x1
	Max. Capacity	Up to 4GB
Storage	IDE	CF socket Type I/II x1
	SATA	2.5" SSD/HDD drive bay x1
Ethernet Controller		Realtek RTL8111E x2
Graphic Controller		Intel Integrated Graphics Media Accelerator 3150
Audio Controller		Realtek ALC888S
IO	LAN	GbE RJ45 x2
	Display	DB15 x1 for VGA DVI-D x1
	Video Grabber	No
	Audio	Phone jack x2 for Mic-in / Line-out
	Serial I/O	DB9 Male x2 (COM1 & 2) 2x10 pin terminal block connector (COM 3,4,5&6) COM 1,4,5,6 support RS-232 COM 2,3 support RS-232/422/485
	GPS	No
	Digital I/O	DB9 Female x1 (for 4 DI / 4 DO (5V TTL)
	USB 2.0	Type A x6; Internal x1
	Power Input	2-pin terminal block
	Expansion	Mini-PCIe x1 (with SIM card reader) PCI or PCIe Expansion
	Others	External: Power-On Button, Power-On Switch, SMA Antenna Hole x3, Reset Internal: PS/2 Keyboard & Mouse, +5Vdc output
Power Input		+9~30Vdc with ATX Mode
AC Adapter		75W +19V @ 3.95A
Hardware Monitor		Fintek 81865F 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		No
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-2110P	Embedded Controller w/ Intel Atom D525, up to 4GBs of DDR3 memory, VGA/DVI, Audio, 2x GbE, 2x RS232/422/485, 4x RS232, 6x USB, DIO, 1x mini-PCIe with SIM, 1x PCI expansion
LEC-2110E	Embedded Controller w/ Intel Atom D525, up to 4GBs of DDR3 memory, VGA/DVI, Audio, 2x GbE, 2x RS232/422/485, 4x RS232, 6x USB, DIO, 1x mini-PCIe with SIM, 1x PCIe expansion

Standard Accessories

080W1N2201001	SATA SSD / HDD cable w/ power
SE9ESA8740100	Wall Mount
0P0W075190001	75W 19V/3.95A adaptor
04AW20023Z101	Terminal block for remote power on button
04AW20101O101	2 x 10pin terminal block for COM 3,4,5,6

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 Accessories

PE9ESA8300100	Vesa Mount
0TAWMC8790Z01	**3G Module:** Sierra MC8790
0TAW0EM770Z01	**3G Module:** HuaWei EM770W (**MOQ 200)
0TAWE34600Z01	**3G Module:** Novatel E346 (**MOQ 50)
0TAWQ802XKZ02	**Wi-Fi Module:** 802.11 b/g/n Mini-PCIe card
0TAWXM100BZ01	**Video Decoder:** XM100BF HD Video Decoder