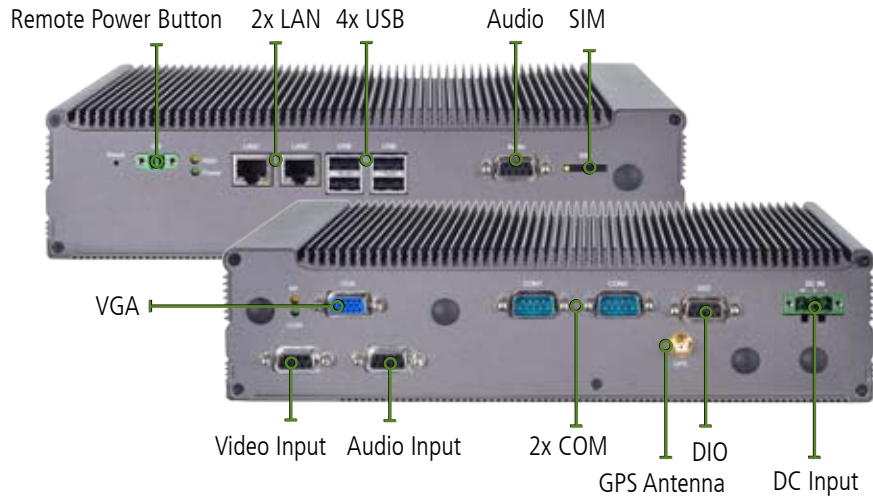


LEC-5510V

Fanless Mobile PC with Dual Core Intel Atom D510 & Video Capture



Features

Video capture

Attached via a PCI-104 slot this video capture card provides hardware based encoding for 4 video inputs and 1 video output, along with 4 channels of mono/ stereo audio input.

Power ignition control

Detects the ignition on/off status and is programmed to allow the appliance to turn off or on within a certain timeframe.

Fanless

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

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.

Extreme vibration resistance

Extensive testing on this appliance has proved that it can withstand higher than normal vibration resistance and is meant to be deployed in vehicles or other vibration prone settings.

Integrated SIM card reader

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

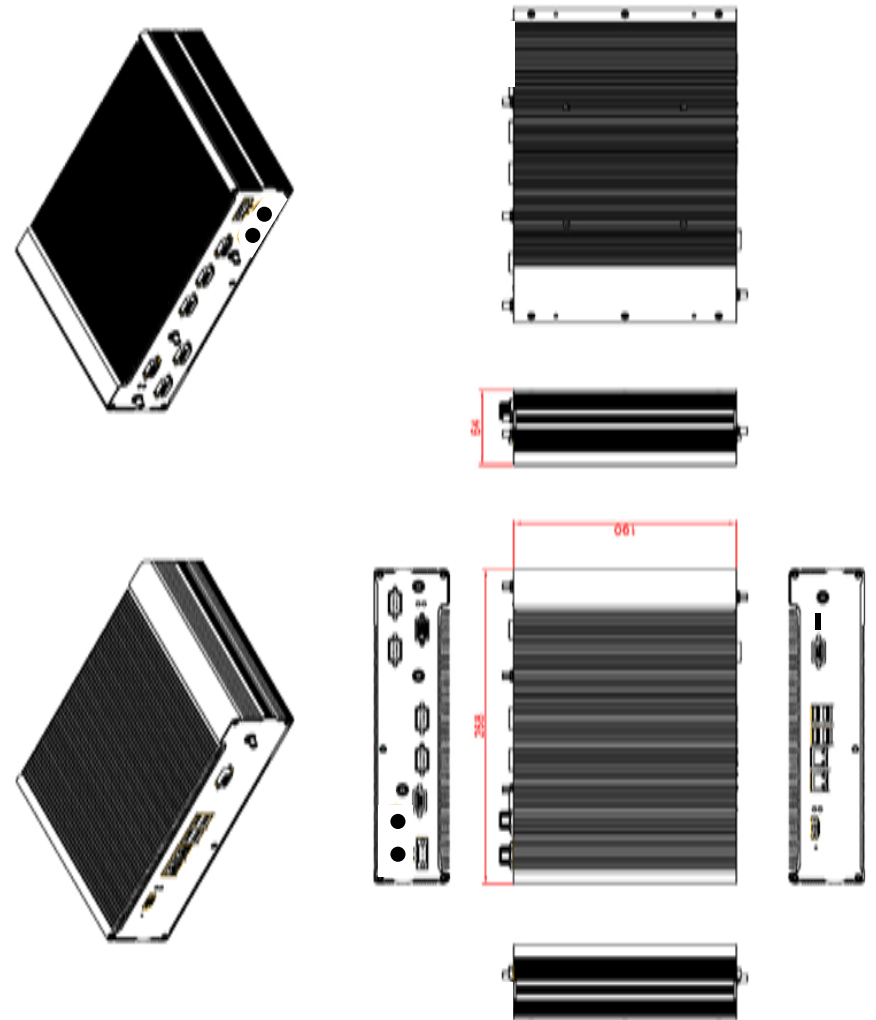
Screw-locked power plug

This power plug is made to screw directly into the appliance chassis, allowing secure power connection in even the harshest of settings.

Dust proof

Solid chassis design with a fanless interior allows for this product to be completely dustproof when installed correctly, insuring longevity of the product.

Dimensions: 268 x 64 x 190mm (10.55" x 2.52" x 7.48")



Specifications

Dimensions (WxHxD)		268x64x190mm (10.55"x2.52"x7.48")	
Processor		Intel Atom D510 1.66GHz	
Chipset		Intel ICH8M	
System Memory	Technology	DDR2 SODIMM x1	
	Max. Capacity	Up to 2GB	
Storage	IDE	CF socket Type I/II x1	
	SATA	2.5" SSD drive bay x1	
Video Capture	Capture Card	Yuan SC290N4PCI104 video capture card	
Ethernet Controller		Intel 82583V x2	
Graphic Controller		Intel GMA3150	
Audio Controller		Realtek ALC888/886	
IO	LAN	GbE RJ45 x2	
	Display	DB15 x1 for VGA	
	Video Grabber		H.264 Hardware Encoder
			DB9 Female x1 for 4x Video-In and 1x Video-Out DB9 Female x1 for 4 Audio-In
	Audio	DB9 Female x1 for Mic-in and Line-out	
	Serial I/O		DB9 Male x1 supports RS-232
			DB9 Male x1 supports RS-232/422/485
	GPS	Holux GR89 GPS receiver (NEMA-0183)	
	Digital I/O	DB9 Female x1 for DI x4 and DO x4 (5V TTL)	
	USB 2.0	Type A x4; Internal x2	
	Power Input	3-pin terminal block (+, -, ignition)	
	Expansion	Mini-PCIex2 (one with SIM card reader),	
Others	External: 3x SMA antenna hole, reset, LVDS/CCFL/USB (Manufacturing BOM Option), Remote Power Button Internal: PS/2 keyboard and mouse, +12Vdc output, On-board 3-Axis digital accelerometer		
Power Input		+9~30VDC input range, ATX mode support ignition delay on/off control	
AC Adapter		Ordering Option	
Hardware Monitor		Winbond W83627UHG integrated watchdog timer 1~255 level	
OS Support		Linux, XPE/WES2009, XP Pro FES, WS7E, WS7P, Win 7 Pro FES	
Certifications		CE, FCC Class A, E13	
Compliance		Climatic: EN-50155 Class T1, Mechanical: EN-61373, Electronical: ISO-7637-2	
Operating Temperature Range	With Industrial Components	-20~55°C/-4~131°F	
	With Commercial Components	-5~45°C / 23~113°F	

Ordering Information

LEC-5510V	Fanless mobile pc with with Intel Dual Core Atom D510 CPU, onboard GPS; 4 channels video capture, Dual Intel GbE, VGA, COM x2, Audio, 5V TTL DI x4/ DO x4, USB x4, CF x1 and 2.5" SATA SSD support, G-Sensor
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Accessories

080W1N2201001	SATA Cable w/ Power 10cm
SE9ESA8740100	Wall Mount Bracket 3
080W0H0001501	External Video Grabber Cable, DB9-BNC x4
04AW2003Z101	2-Pin Terminal Block for remote power button
04AW2003IE001	3-Pin Terminal Block for DC Input Connector
080W2Q0030001	External Antenna for onboard GPS, 300cm

Optional Accessories

080W2C0001001	External Cable	Audio cable for Video Grabber, DB9-RCA x8
080W2C0901501	External Cable	Cable for system audio, DB9- 3.5mm audio jack
0TAW34600Z01	3G Module	Novatel E346 (**MOQ 50)
0TAWQ802XKZ02	Wi-Fi Module	802.11 b/g/n Mini-PCIe card