

# LEC-2126 Industrial Communication Appliance

Dual Core Intel Atom CPU Driven IPC with Six Network Ports for IP Video Communications

## Environmentally friendly network platform

Built entirely with RoHS compliant parts and production processes, the LEC-2126 provides a low power platform for IP Video, GigE camera applications and network communications, reducing electricity costs and saving space for the end user. An embedded ultra-low voltage ATOM 1.66GHz CPU delivers power-efficient processing while the Intel ICH8M system logic provides PCI-E bus network bandwidth. The LEC-2126 includes six integrated Ethernet ports, so that it can be easily deployed in front-line security applications where reliability and availability are of key concern.

## Fanless platform reduces power consumption

The LEC-2126 can be deployed virtually anywhere. Its space-saving design offers flexibility and cost savings while maintaining the high throughput and availability required for network security, GigE Vision Control and IP video applications.

## 1.66 GHz Processing Power

This desktop network appliance can be fitted with the Intel Dual core Atom D510, which are the newest versions of the 32nm Intel Atom. The CPUs have come with 1.66 GHz of processing power.

## Expansive I/O interface and Internal Storage

An internal 2.5" SSD, CF Socket, USB 2.0 ports, Mini-PCI and console connection options guarantee that all hardware requirements will be met.

## Small form factor for flexible deployment

The LEC-2126's low profile makes it a perfect solution for network applications where space is critical. Solid engineering and quality components, ensure reliable operation in almost any situation.

## Cost-effective Solution

The embedded Intel atom processor and ICH8M chipset provides a stable, ultra-low power platform at an outstanding value-price point.



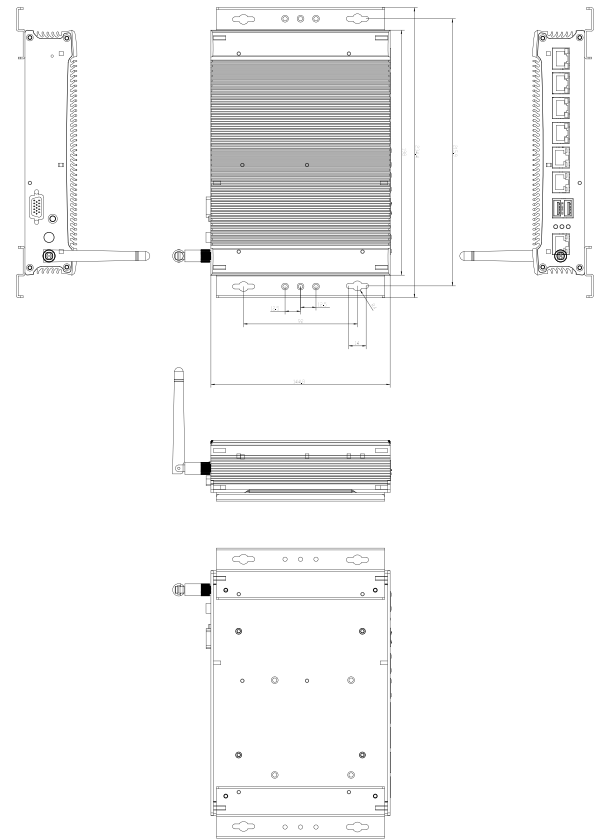
FEATURE	DESCRIPTION	
<b>Form Factor</b>		Desktop
<b>Platform</b>	Processor	Onboard Intel® ATOM D510 1.66 GHz
	Chipset	Intel ICH8M
<b>System Memory</b>	Technology	DDR2 667/800 MHz, non-ECC
	Max Capacity	2GB
	Socket	200P SO-DIMM
<b>OS Support</b>		Windows XP, Windows 7 Linux Kernel 2.4 and up
<b>Storage</b>	Storage Interface	1 x Serial ATA, 1 x CompactFlash
<b>Networking</b>	Ethernet Ports	6 x GbE ports
	Controller	1 x Intel 82574L LAN Chip 5 x Intel 82583V LAN Chip
<b>I/O Interface</b>	COM	1 x RJ45 RS-232
	USB 2.0	2 x USB 2.0
	VGA	(2048 x 1536 / 75Hz)
	LAN	6 x RJ45 GbE
	PS2 Keyboard & Mouse	Internal Pin Header
	DC- In Connector	Power Jack w/ Lock
<b>Expansion</b>	Mini-PCle	1
<b>Cooling</b>	Processor	Passive Heatsink
<b>Environmental Parameters</b>	Temperature, ambient operating / storage	0°C ~40°C / -20°C~70°C
	Humidity (RH), ambient operating and non-operating	5 ~ 95%, non condensing
<b>Miscellaneous</b>	Watchdog	Yes
	Internal RTC with Li Battery	Yes
<b>Physical Dimensions</b>	Dimensions (WxHxD)	200 x 42 x 144 mm 7.9 x 1.65 x 5.67 inches
	Weight	1.2KG
<b>Power</b>	Type / Watts	60W Adapter
	System Input	12 DC
<b>Approvals &amp; Compliance</b>		CE Emission, FCC Class A, RoHS
<b>Ordering Information</b>	LEC-2126	Intel Atom D510, 6GbE
	LEC-2126 (fanless)	Fanless option only available with use of industrial grade components (SSD, memory, CF).



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## MECHANICAL DRAWING



The Front Side of the LEC-2126:  
featuring 6 LAN ports, 2 USB and a COM port.

### About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline network security, network video and applied computing platforms. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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creating value in applied computing