

LEC-2137

I/O Rich Industrial PC with
Intel® Apollo Lake Series CPU



■ Features

- Intel® Celeron® N3350 or Atom™ x7-E3950
- 6x Ethernet Ports (LEC-2137A/LEC-2137C)
- 2x Ethernet Ports & 4x PoE Ports (LEC-2137B/LEC-2137D)
- 1x HDMI (3840 x 2160), 1x VGA (1600 x 1200)
- 2x USB 3.0, 2x USB 2.0, 1x RS-232/422/485 DB9 Male
- 1x 2.5" HDD/SSD Drive Bay
- -20°C~55°C Operating Temperatures (LEC-2137A/LEC-2137B)

■ Specifications

Processor System	
CPU	Intel® Atom™ x7-E3950 or Intel® Celeron® N3350
Frequency	2GHz/1.8GHz
Core Number	4C/4C/2C
BIOS	AMI 64Mbit SPI Flash BIOS
Fanless	Yes
Memory	
Technology	DDR3L 1333/1600 MHz
Max. Capacity	8GB
Socket	1x 204-pin SODIMM
Graphic	
Controller	Intel® HD Graphics
HDMI VGA	1x HDMI, 3840 x 2160 @30Hz 1x VGA
Ethernet	
Controller	Intel® i219 and i211
Speed	10/100/1000 Mbps
Interface	6x RJ45 (LEC-2137A/C) 2x RJ45 + 4x PoE (LEC-2137B/D)
Storage	
Type	SATA III
Installation	1x mSATA Socket
Type	SATA III
Installation	1x 2.5" HDD/SSD Drive Bay
I/O	
Serial Port	1x RS-232/422/485, DB9 Male
Digital I/O	-
USB 2.0	2x Type A
USB 3.0	2x Type A
Power-On/Reset Button	1x Power On/Off, 1x Reset
Remote Power Switch	Yes
LED	Power, HDD Access, 3G Status
Antenna Hole	2 x SMA Antenna Holes
Expansion Interface	

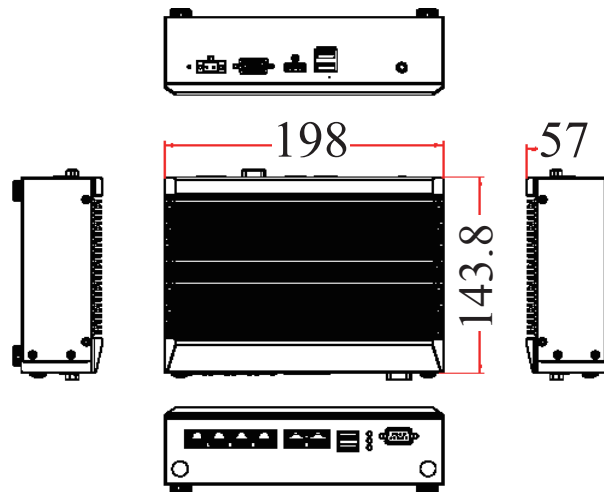
Mini-PCle	1x Full-sized Socket with SIM Card Reader (USB 2.0 Signal)
Watchdog Timer	
Watchdog Timer 1~255 Level Time Interval System Reset, Software Programmable	
Power	
Power Type	ATX
Power Supply Voltage	+12Vdc ~ +36Vdc
Connector	2-pin Terminal Block
Power Consumption (Idle)	10.266W
Power Consumption (Full Load)	21.424W or 54.405W (With All 4x PoE Ports Supplying Power)
Power Adaptor	60W 24V/2.5A FSP Adaptor 120W 24V/5A FSP Adaptor
Environment	
Operating Temperature	LEC-2137A/LEC-2137B: -20°C~55°C LEC-2137C/LEC-2137D: 0°C~55°C
Storage Temperature	-20°C~70°C
Relative Humidity	5%~95% (Non-condensing)
Vibration	IEC 60068-2-64, 0.5Grms, Random 5 ~500 Hz, 40 Mins/Axis
Mechanical	
Dimension (W x H x D)	198 x 57 x 143.8 mm
Construction	Aluminum
Weight	1.6 Kg
Mounting	Wall, DIN-rail, Rack, VESA
Driver Support	
Microsoft Windows	WES7E, Win 7 Pro FES, WE 8.1 Industry Pro (64-bit)
Linux	Kernel 3.12
Certification	
EMC	CE/FCC, Class A
Safety	-

Product I/O View



- | | | | |
|---------------------------------------|-----------------------|----------------|----------------|
| A LAN x 6 or LAN x 2 + PoE x 4 | D COM | G HDMI | J Reset |
| B USB 3.0 x 2 | E Power On/Off | H VGA | |
| C LED | F USB 2.0 x 2 | I DC-IN | |

Dimensions (W x H x D) 198 x 57 x 143.8 mm (7.8" x 2.2" x 5.7")



Ordering Information

LEC-2137A	Fanless Industrial PC with Intel® Atom™ x7-E3950 CPU, 6x RJ45
LEC-2137B	Fanless Industrial PC with Intel® Atom™ x7-E3950 CPU, 2x RJ45, 4x PoE
LEC-2137C	Fanless Industrial PC with Intel® Celeron® N3350 CPU, 6x RJ45
LEC-2137D	Fanless Industrial PC with Intel® Celeron® N3350 CPU, 2x RJ45, 4x PoE

Standard Accessories

080W1N0002001	SATA SSD/HDD Cable with Power
080W000236000	SATA SSD/HDD Cable with Power (for LEC-2137B)
098W000004000	Metal Brkt Black Wallmount-4

Optional Accessories

0P0W000014000	60W 24V 2.5A FSP Power Adapter
0P0W000017000	120W 24V 5A FSP Power Adapter (for LEC-2137B/D)

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