

LEC-2580

High-performance Box PC with
Intel® 6th Gen Skylake Core™ i7/i5/i3 CPU



■ Features

- Intel® Core™ i7-6600U/i5-6300U/i3-6100U
- Intel® HD Graphics
- 2x HDMI, 3840 x 2160@24Hz or 2560 x 1600@60Hz
- 6x RJ45, 4x USB 3.0, 2x USB 2.0
- 2x 2.5" HDD/SSD with RAID 0/1, 4x Serial Ports
- 0°C ~ 60°C Operating Temperatures (LEC-2580)

■ Specifications

Processor System

CPU	Intel® Core™ i7-6600U/i5-6300U/i3-6100U
Frequency	2.6GHz/2.4GHz/2.3GHz
Core Number	2C
BIOS	AMI 128Mbit SPI Flash BIOS

Fanless

Yes

Memory

Technology	DDR3L 1333/1600MHz
Max. Capacity	16 GB
Socket	2x 204-pin SODIMM

Graphic

Controller	Intel® HD Graphics
HDMI	2x HDMI, 3840 x 2160 @24Hz or 2560 x 1600 @60Hz

Ethernet

Controller	Intel® i219 and i211
Speed	10/100/1000 Mbps
Interface	6x RJ45 (2+4)

Storage

Type	SATA III
Installation	1x mSATA Socket
Type	SATA III
Installation	2x 2.5" HDD/SSD Drive Bay (RAID 0/1) HDD/SSD Thickness: 2x 11mm or 1x 16mm

I/O

Serial Port	4x RS-232/422/485, DB9 Male
Digital I/O	-
USB 2.0	2x Type A
USB 3.0	4x Type A
Power-On/Reset Button	1x Power On/Off, 1x Reset
Remote Power Switch	Yes
LED	Power/Storage Access, 3G/Wifi Status
Antenna Hole	2 x SMA Antenna Holes

Expansion Interface

Mini-PCle	1x Full-sized Socket with SIM Card Reader and 1x Half-sized Socket
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Watchdog Timer

Watchdog Timer 1~255 Level Time Interval System Reset, Software Programmable

Power

Power Type	ATX
Power Supply Voltage	+24Vdc (12Vdc - 30Vdc)
Connector	2-pin Terminal Block
Power Consumption (Idle)	13W
Power Consumption (Full Load)	38W
Power Adaptor	Optional AC to DC, AC 90V to 240V Input, DC 24V/2.5A 60W Adaptor

Environment

Operating Temperature	0°C~60°C (LEC-2580) 0°C~50°C (LEC-2580P)
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)	240 x 60 x 173.8 mm
Construction	Aluminum
Weight	2 kg
Mounting	Wall, DIN-rail, Rack, VESA

Driver Support

Microsoft Windows	WES7, Win 7 Pro FES, WE 8.1 Industry Pro, Win10 IoT
Linux	Kernel 3.12

Certification

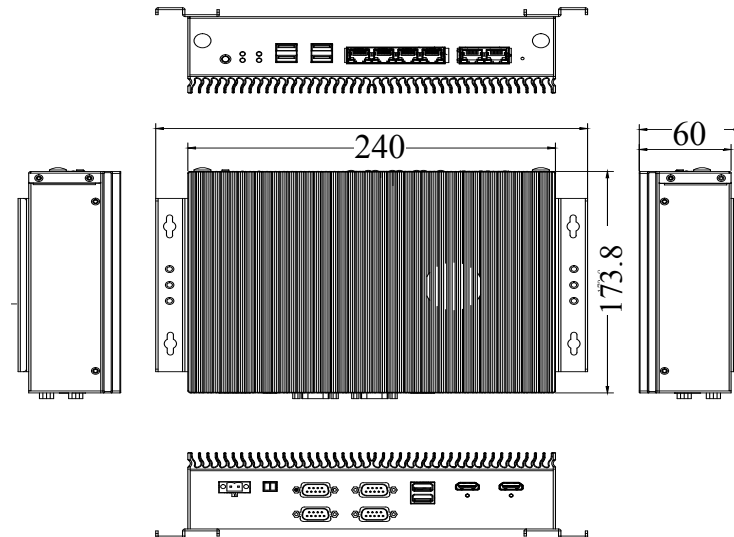
EMC	CE/FCC, Class A
Safety	-

Product I/O View



- | | | | | |
|------------------|-----------------------|------------------|----------------------|-------------------|
| A Reset | D USB 3.0 x 4 | G DC-IN | J COM x 2 | M HDMI x 1 |
| B LAN x 2 | E LED | H PS_ON | K USB 2.0 x 2 | |
| C LAN x 3 | F Power On/Off | I COM x 2 | L HDMI x 1 | |

Dimensions (W x H x D) 240 x 60 x 173.8 mm (9.4" x 2.4" x 6.8")



Ordering Information

- LEC-2580-711A** Fanless Industrial PC with Intel® Core™ i7-6600U CPU
- LEC-2580-511A** Fanless Industrial PC with Intel® Core™ i5-6300U CPU
- LEC-2580-311A** Fanless Industrial PC with Intel® Core™ i3-6100U CPU
- LEC-2580P-711A** Fanless Industrial PC with Intel® Core™ i7-6600U CPU, 2x RJ45 & 4x PoE
- LEC-2580P-511A** Fanless Industrial PC with Intel® Core™ i5-6300U CPU, 2x RJ45 & 4x PoE
- LEC-2580P-311A** Fanless Industrial PC with Intel® Core™ i3-6100U CPU, 2x RJ45 & 4x PoE

Standard Accessories

- 080W1N0002001** SATA SSD/HDD Cable with Power
- 098W000004000** Metal Brkt Black Wallmount-4

Optional Accessories

- 0P0W000014000** 60W 24V 2.5A FSP Power Adapter

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