

# 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 Wide Operating Temperature Range

## ■ 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-PCIe	1x Full-sized Socket with SIM Card Reader and 1x Half-sized Socket
-----------	--

### 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 Adapter

### Environment

Operating Temperature	0°C~60°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)	210 x 60 x 143.8 mm
Construction	Aluminum
Weight	TBD
Mounting	Wall, DIN-rail, Rack, VESA

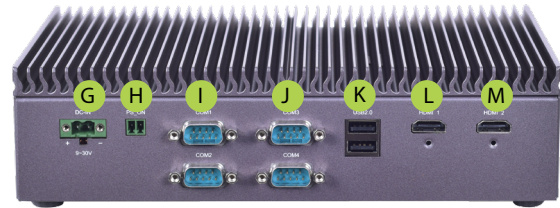
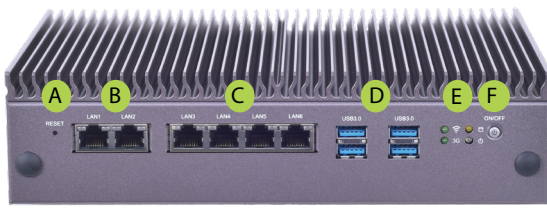
### Driver Support

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

### Certification

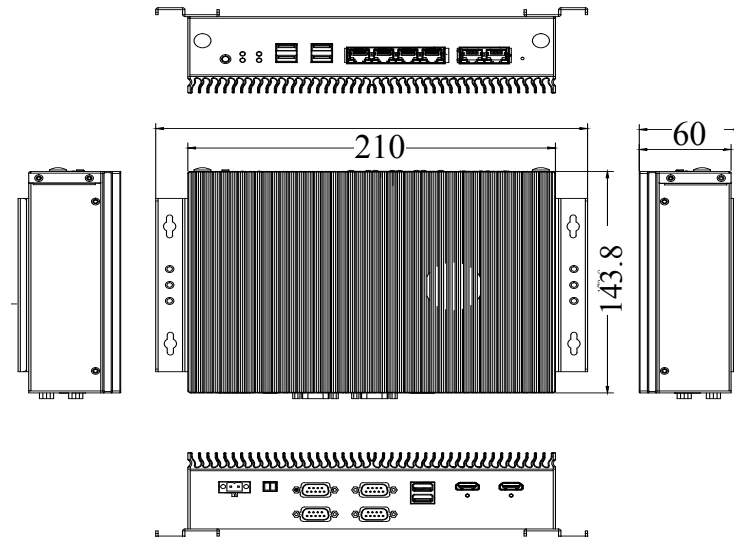
EMC	CE/FCC, Class A
Safety	-

## Product I/O View



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

## Dimensions (W x H x D) 210 x 60 x 143.8 mm (8.3" x 2.4" x 5.7")



## 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
---------------	--------------------------------

V.1-2017.07.12

# Lanner

© Lanner Electronics Inc. All rights reserved.  
 All product specifications are subject to change without notice.  
[connect@lannerinc.com](mailto:connect@lannerinc.com) | [www.lannerinc.com](http://www.lannerinc.com)

LEC-2580