

Fanless Embedded PC

High-performance Box PC with
Intel® 6th Gen Skylake Core™ i7/i5/i3 CPU
-20°C ~ 60°C Wide Operating Temperature Range

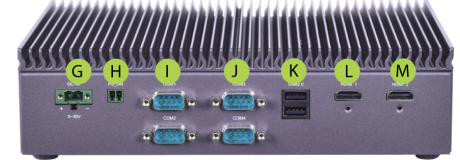
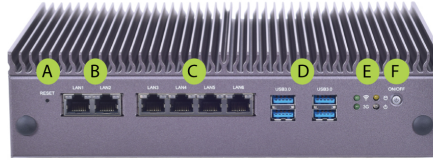
Model: LPC5800



Features

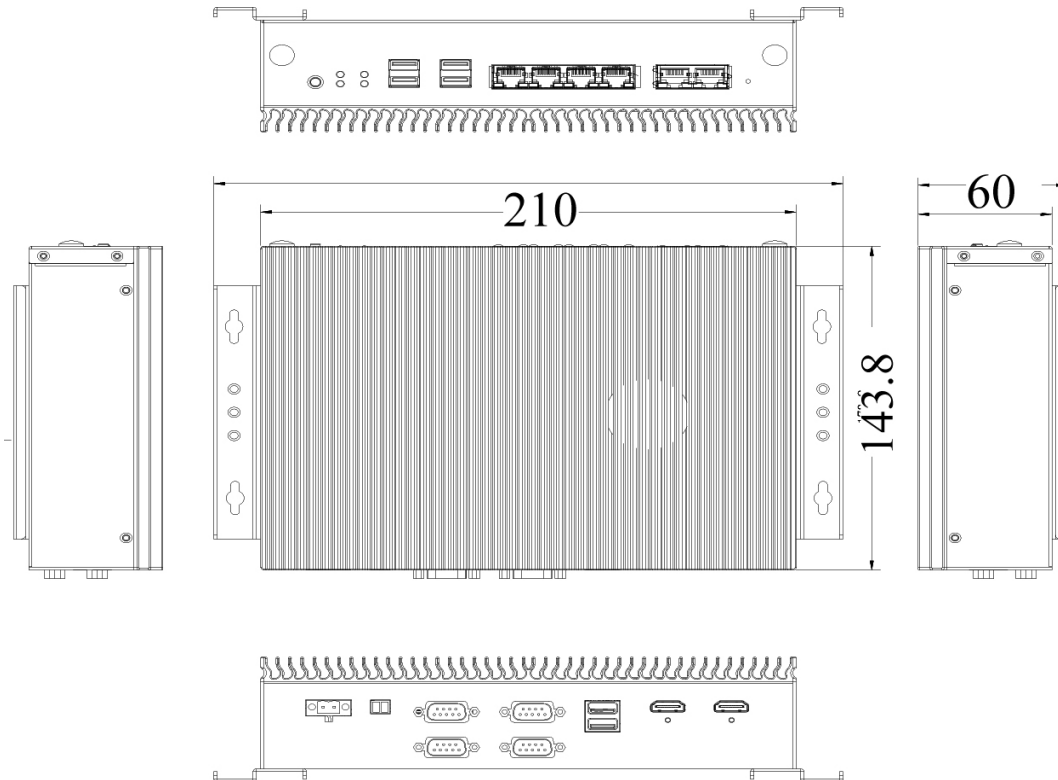
- Intel® Core™ i7-6600U/i5-6300U/i3-6100U
- Intel® HD Graphics
- 2x HDMI, 3840 x 2160@24Hz or 2560 x 1600@60Hz
- 6x RJ45, 4x USB 3.0, 2x USB 2.0
- 2x 2.5" HDD/SSD with RAID 0/1, 4x Serial Ports
- -20°C ~ 60°C Wide Operating Temperature Range

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 | |

Mechanical Drawing



Specifications

Processor System	
CPU	Intel® Core™ i7-6600U/i5-6300U/i3-6100U
Frequency	2.6GHz/2.4GHz/2.3GHz
Core Number	2C
BIOS	AMI SPI Flash BIOS 64Mbit
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
Audio	
Codec	Realtek ALC886
Interface	Mic-in and Line-out
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)
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	2x SMA Antenna Holes

Expansion Interface	
Mini-PCle	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)	TBD
Power Consumption (Full Load)	TBD
Power Adaptor	TBD
Environment	
Operating Temperature	-20°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, Win7E, WE8S
Linux	Kernal 3.12
Certification	
EMC	CE, FCC Class A
Safety	-

Standard Accessories

SATA SSD/HDD Cable with Power
Metal Brkt Black Wallmount-4