

MPC-2018

Intel® High-Performance Fanless Embedded Computer



Features:

- Intel® Skylake CPU
- low power consumption
- Intel® HD4000/HD5000 Series Graphics design
- Broad I/O Interfaces
- Fanless and all in one design
- -20 - 70°C extend temperature operating
- 9-30V extend voltage operating

Specification

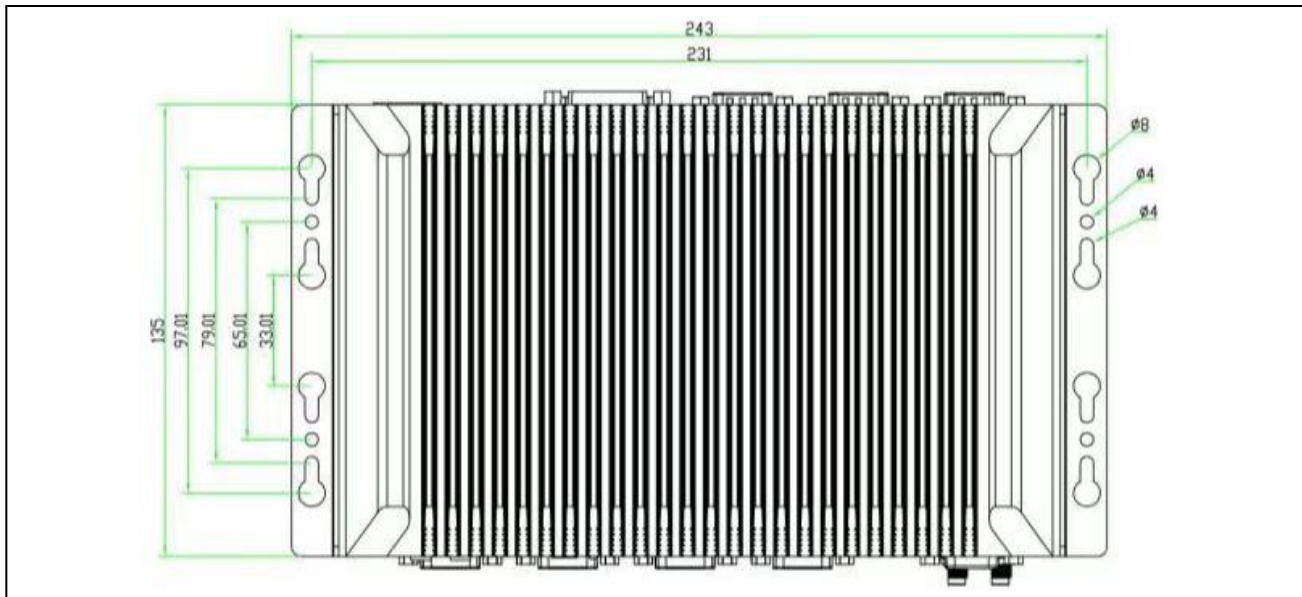
CPU	Intel® Core™ i5-6200U Processor
Chipset	SOC
BIOS	SPI BIOS
Graphics	Intel® HD4000/HD5000 Series Graphics, 200MHz-1.2GHz
Resolution	VGA+DVI Synchronous or asynchronous display
Main Frequency	2.30GHz (Max 2.8GHz)
Operating System	Support Win7/Win8/Linux
Memory	2*Slot DDR3L 1333/1600MHz SO-DIMM, up to 32GB
Storage	1*SATA-III 1*Full-size Mini-PCIe, support mSATA SSD
Network(Lan)	LAN1: INTEL I210 Gigabit LAN LAN2: INTEL I210 Gigabit LAN
I/O interface	6*RS-232/485, 6*RS-232 (support 3KV Surge and optical coupling isolation protection) 6*USB3.0, 2*USB2.0 1*Line-Out, 1*Lin-In 1*VGA, 1*DVI-D 12 GPIO (External) 3.3V*24mA,DB15
Expansion	1*Full-size Mini PCIe 3G UIM Card slot

Super I/O	Watchdog Timer 1 to 255 sec/min per step, setup by software NT6106, Support system temperature test
Dimension(W*H*D)	215*136*50mm
Weight (kg)	2.5kg
Power input Voltage	9~30V DC
Power Interface	3-pin Terminal Block: V+, V-, Frame Ground Phoenix 2-pin
Power Consumption	50W (Max)
Mounting	Desktop or Wall mount
Operating Temperature	-20°C~60°C
Storage Temperature	-40°C~80°C
Relative humidity	5% to 90% @50°C
Shock	Peak acceleration 150m/s ²
Vibration	Displacement amplitude of 10~57Hz is 0.075mm Peak acceleration of 57~150Hz is 9.8m/s ²
Impulse width	10ms, half sinusoid



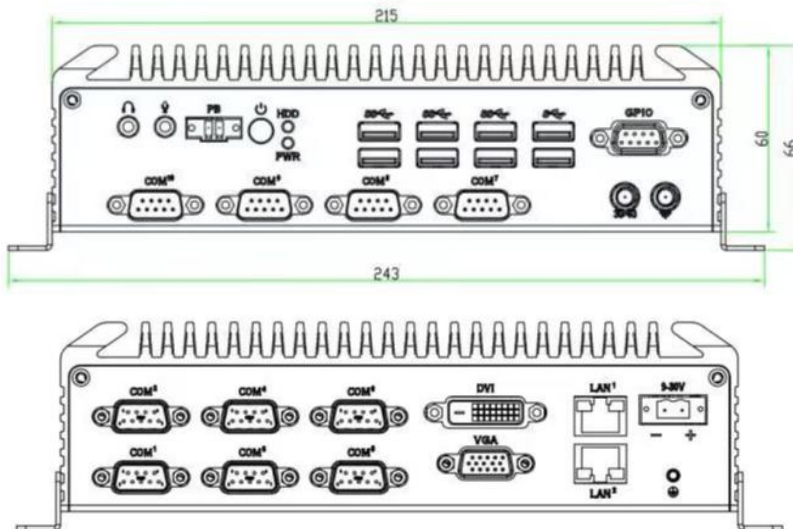
Dimension:

Unit: mm



I/O Ports:

Packing List:



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Ground Wire	1
User Manual	1

Ordering information:

MPC-2018M0	Intel® Core i5-6200U CPU
MPC-2018M4	Intel® Core i5-6200U CPU, 4Gb RAM
HDD-500	500GB HDD for MPC-2018
SSD-32/64/128	32G SSD / 64G SSD / 128G SSD for MPC-2018
PSC-2018	Power Supply and power cord for MPC-2018