Fanless Embedded PC

EM–MP150S

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Intel Core i5 7200U

EM–MP150S is a fanless embedded industrial PC solution, which adopts Intel Low–Power Embedded i5 7200u processor, supports 1 4GB DDR4L memory, VGA + HDMI synchronous asynchronous dual screen display, 4 LAN, 4 COM, 128GB SSD storage, wide voltage 9 ~ 36V input, compact, fanless, high performance, die–casting aluminum alloy body, dust–proof function, suitable for harsh industrial environment.

Fanless designed industrial computer, there is no need to worry about moving part failures. The system passively dissipates heat from processors and other vital computer components. Fanless systems can be fully enclosed, keeping dust and debris out of the system. A fanless computer is extremely quiet, making it ideal for situations such as the main computer monitoring and control of Industrial Automation, Mechanics Solution, CNC Equipment, Textile Equipment, Intelligent power solution, Food Traceability and so on.

EM–MP150S is compatible with Windows 7/10,Linux OS and embedded OS,also can support customized OS which is based on above systems and install industrial automation configuration software to comprise powerful HMI.

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Product Feature：

- Intel Core i5 7200U 2.5GHz CPU
- Up to DDR4L 16GB memory
- Support VGA+HDMI display output
- Support 4 LAN (Optional 2 POE)
- Support 4 COM (Optional 2 with photoelectric isolation)
- Fanless design, high computing performance
- Operation Temperature: –20℃ ~ 70℃
- 9~36V Wide voltage input

Ordering Information：

Model	CPU	Configuration
EM-MP150S1	Intel 3855U/3865U	4GB/8GB/16GB Memory | 4 x USB3.0 | 2 x USB2.0 | 6 x LAN | 2 x COM | 1 x HDMI | 1 x VGA |
EM-MP150S2	Intel 6100U/7100U	
EM-MP150S3	Intel 6200U/7200U	
EM-MP150S4	Intel 3855U/3865U	4GB/8GB/16GB Memory | 4 x USB3.0 | 2 x USB2.0 | 4 x LAN | 4 x COM | 1 x HDMI | 1 x VGA |
EM-MP150S5	Intel 6100U/7100U	
EM-MP150S6	Intel 6200U/7200U	
EM-MP150S7	Intel 3855U/3865U	4GB/8GB/16GB Memory | 4 x USB3.0 | 2 x USB2.0 | 2 x LAN | 6 x COM | 1 x HDMI | 1 x VGA |
EM-MP150S8	Intel 6100U/7100U	
EM-MP150S9	Intel 6200U/7200U	

Model		EM-MP150S
System Parameter	CPU	Intel® Core™ i5 7200U 2.5GHz
	Chipset	Intel Kaby Lake
	RAM	DDR4L 4GB，Up to 16GB
	ROM	64GB SSD M-SATA（Optional 128GB/256GB/512GB/1TB）
	Display	HDMI+VGA
	LAN	4 x RJ-45 LAN（LAN1、LAN2 Optional POE）
I/O	USB	4 x USB3.0，2 x USB2.0
	COM	4 x DB9 COM； COM1：RS-232 Optional photoelectric isolation function COM2：RS-232 Optional photoelectric isolation function COM3：RS-232 COM4：RS-232
	System Control	1 x 3 pin Air plug power interface 1 x ON/OFF power switch 1 x POWER IN 9~36V DC
Expansion	Expansion Slot	1 x Mini PCI-E X1 slot, On-board SIM card slot, support 3G / 4G module
Structure	Material	Aluminium alloy
	Installation Method	Wall-mounted / Embedded
	Dimension	232.5(L) x 133(W) x 66.5(H) mm
	Weight	2 Kg
Power	Power	9~36V DC（1m power cord）
Reliability	Operate Temperature	-20～70℃（Optional -40～70℃）
	Store Temperature	-30～75℃
	Humidity	10~95% @70℃，Non-Condensing
OS	OS	Windows 7，Windows 10，Linux