

**Model:** MPCX-i7-6COM(V1)  
**Industrial Embedded Computer - Intel® Core i7 8550U Processor**



## Main Feature:

- Fanless Design with oxidized Aluminum Casing
- Ultra Low Power Consumption processor - 15watt (Max. TDP)
- 6 x COM ports
- With VGA + HDMI, 2 x Gigabit LAN, Audio, 8 x USB 2.0/3.0
- BIOS Set-up "TPM 2.0", and "Wake on LAN"

## Application:

Digital Signage, Factory Automation; Processor Automation; Intelligent Traffic Control; Medical Equipment; Marine / Offshore Industrial ...

Specification	
Item	Description
Product Model	MPCX-i7-6COM (V1)
Processor	Intel® Core i7 8550U Processor (Quad Core, 1.8 to 4.0GHz, 8M Cache)
Chipset	Intel® integrated with processor
Memory	1 x DDR4 SO-DIMM Socket up to 32GB
BIOS	AMI 64MB Flash ROM
Graphic	Intel® HD Graphics 520, VGA (Max. resolution @ 1920 x 1200) + HDMI 1.4 (supporting a maximum resolution of 4096 x 2304@24Hz)
Storage	Space for 1 x 2.5" bay for SSD/HDD; 1 x mSATA
Audio	ALC662, 6 channel HD Audio, Line-Out & Mic.-In
LAN	2 x RJ45, Realtek RTL8111F Gigabit LAN
USB port	4 x USB 3.0 and 4 x USB 2.0

COM Port	6 x RS 232
Watch-Dog Timer	Programmable 0.5 sec. to 254.5 min, support Hardware Reset
Expansive interface	1 x Mini PCI-E
I/O port	HDMI; VGA; 2 x RJ45; 4 x USB 3.0; 4 x USB 2.0; 6 x COM; 2 x Lin-out / Mic.-In; 1 x Power Switch; 1 x DC input
Power Supply	Input: 100~240VAC, 50/60Hz; Output: DC 12V/ 5A adapter
Construction	Oxidized Aluminium Case
OS supporting	Windows 7/8.1/10; Linux
Environment	Operating temperature: -10 °C to 60 °C Storage temperature: -20 °C to 80 °C Storage humidity: 5% to 95%non-condensing Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak( 11m sec)
Compliance	CE; FCC; ROHS
Dimension W x H x D ( mm )	213 x 150 x 50