

Model: MPCX-i7-6COM(V2)

Industrial Embedded Computer - Intel® Core i7 8550U Processor



Main Feature

- Fanless Design with oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 15watt (Max. TDP)
- 6 x COM ports (1 xRS232/422/485)
- With VGA + HDMI
- 2 x 2.5 Gigabit LAN, Audio, 10 x USB 2.0/3.0
- BIOS Set-up “TPM 2.0”, “Auto Power-On”, 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 (V2)
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 620, 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 M2. 2280
Audio	ALC897, 6 channel HD Audio, Line-Out & Mic.-In
LAN	2 x RJ45, Realtek 8125BGS 2.5 Gigabit LAN
USB port	2 x USB 3.0 and 8 x USB 2.0
COM Port	1 x RS232/422/485, and 5 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; 2 x USB 3.0; 8 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 7/10/11; 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	235 x 150 x 50mm