

Model: MPCX-i5-6COM (V10); MPCX-i7-6COM (V10)
Industrial Embedded Computer - Intel® Core i5 10210U Processor



Main Feature

- Fanless Design with oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 15watt (Max. TDP)
- 6 x COM ports
- With VGA + HDMI, 2 x Gigabit LAN, Audio, 10 x USB 2.0/3.2
- 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-i5-6COM (V10)	MPCX-i7-6COM (V10)
Processor	Intel® Core i5 10210U Processor (Quad Core, 1.6 to 4.3GHz, 6M Cache)	Intel® Core i7 10510U Processor (Quad Core, 1.8 to 4.9GHz, 8M Cache)
Chipset	Intel® integrated with processor	
Memory	1 x DDR4 SO-DIMM Socket up to 32GB	
BIOS	AMI 64MB Flash ROM	
Graphic	Intel® UHD Graphics, VGA (Max. resolution @ 1920 x 1080) + 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	ALC897, 6 channel HD Audio, Line-Out & Mic.-In	
LAN	2 x RJ45, Intel I 226-V Gigabit LAN	
USB port	2 x USB 3.2 and 8 x USB 2.0	
COM Port	6 x RS 232 (COM 1 supports RS232/422/485)	
GPIO	7 x Digital Input and 7 x Digital Output	
Watch-Dog Timer	Programmable 0.5 sec. to 254.5 min, support Hardware Reset	
Expansive interface	1 x Mini PCI-E (Optional: WIFI & Bluetooth)	

I/O port	HDMI; VGA; 2 x RJ45; 2 x USB 3.2; 8 x USB 2.0; 6 x COM; 2 x Lin-out / Mic.-In; 1 x Power Switch; 1 x DC input
Power Input	Input: 100-240VAC, 50/60Hz; Output: DC 12V/ 5A adapter
Construction	Oxidized Aluminium Case
OS supporting	Windows 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)
Safety	CE; FCC; ROHS
Dimension W x H x D	235 x 150 x 75 mm