

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 |