

Model: MPCX-i7-6COM(V12)

Industrial Embedded Computer - Intel® Core i7 1255U Processor



Main Feature

- Fanless Design with oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 15watt (Max. TDP)
- 6 x COM ports
- With 2 x HDMI 2.0, 2 x Gigabit LAN, Audio, 6 x USB 2.0/3.2, 1 x Type C (supports Display, USB & power)
- 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 (V12)
Processor	Intel® Core i7 1255U Processor (10 x Core, 3.5 to 4.7GHz, 12M Cache) Intel® Core i7 1355U Processor (10 x Core, 3.7 to 5GHz, 12M Cache)
Chipset	Intel® integrated with processor
Memory	1 x DDR4 SO-DIMM Socket up to 32GB
BIOS	AMI 64MB Flash ROM
Graphic	Intel® Iris® Xe Graphics eligible, supports 3 x Display; 2 x HDMI 2.0 (supporting a maximum resolution of 4096 x 3840 @60Hz); 1xType_C interface supports display, USB data transfer, and power supply functions
Storage	Space for 1 x 2.5" bay for SSD/HDD; 1 x M.2 2280 NVME (PCIe4.0)
Audio	ALC897, 6 channel HD Audio, Line-Out & Mic.-In
LAN	2 x RJ45, Intel I219V + Realtek 8111H
USB port	2 x USB 3.2 and 4 x USB 2.0
COM Port	6 x RS 232 (COM 1 supports RS232/422/485)
Watch-Dog Timer	Programmable 0 sec. to 255 min, support Hardware Reset
Expansive interface	1 x Mini PCI-E (Optional: WIFI & Bluetooth)
I/O port	2 x HDMI; 2 x RJ45; 2 x USB 3.2; 4 x USB 2.0; 1 x Type C; 6 x COM; 2 x Lin-out
Power Supply (12-24VDC)	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