

Model: | MPCX-i3-2L6C(V12) | MPCX-i5-2L6C(V12) | MPCX-i7-2L6C(V12) |
Industrial Fanless Computer with Intel® Core™ i3, i5, i7 1215U



Main Feature:

- Fanless Design with Oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 15watt (Max. TDP)
- VGA + HDMI 2.0 support Independent Dual Display (Optional: upgrade to DP + HDMI)
- 2 x GLAN, 6 x USB 2.0/3.0, 6 x COM ports (1 x RS232/422/485)
- BIOS Set-up "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-i3-2L6C(V12)	MPCX-i5-2L6C(V12)	MPCX-i7-2L6C(V12)
Processor	Intel® Core™ i3 1215U Processor (6 x Cores, 3.3 to 4.4GHz, 10M Cache)	Intel® Core™ i5 1235U Processor (10 x Cores, 3.3 to 4.4GHz, 12M Cache)	Intel® Core™ i7 1255U Processor (10 x Cores, 3.5 to 4.7GHz, 12M Cache)
Chipset	Intel® integrated with processor		
Memory	2 x DDR4 SO-DIMM Socket up to 64GB		
BIOS	AMI 64MB Flash ROM		
Graphic	VGA & HDMI 2.0, Maximum Resolution 4K 4096 x 2304 @ 60Hz (Optional) HDMI 1.4 & DP, Maximum Resolution 8K 7680 x 4320 @ 60Hz		
Storage	Space for 1 x 2.5" bay for SSD/HDD, 1 x M.2 2280 SATA		
Audio	Cmedia HS_100B USB, Line-Out & Mic.-In		
LAN	2 x RJ45, Intel I219V and Realtek RTL8111H Gigabit LAN		

USB port	2 x USB 3.0 and 4 x USB 2.0
COM Port	1 x COM1 (Pre-set in BIOS for RS232/422/485) and 5 x RS 232 (COM 2-6)
Watch-Dog Timer	Programmable 0 to 255 min, support Hardware Reset
Expansive interface	1 x M2. Key-E slot for WIFI & Bluetooth
I/O port	VGA + HDMI, 2 x RJ45, 2 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/ 7A adapter
Construction	Oxidized Aluminium Case
OS supporting	DOS, Windows 10 / 11 / 12, 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)	220 x 210 x 80
Ordering Information	
MPCX-i3-2L6C(V12)	Industrial Fanless Computer with Intel® Core™ i3 1215U
MPCX-i5-2L6C(V12)	Industrial Fanless Computer with Intel® Core™ i5 1235U
MPCX-i7-2L6C(V12)	Industrial Fanless Computer with Intel® Core™ i7 1255U
Optional - DP	Upgrade to DP + HDMI Display output
Optional - RAM	8 to 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	128 GB to 2TB SSD / 500GB to 2TB 2.5'' SATA HDD
Optional - Wifi	WIFI + Bluetooth with Antenna
Optional - OS	Windows 10/11/12 Professional , or Win 10 / 11 IoT Enterprise 64 bit