

**Model: MPCX-J4125-6COM**

**Industrial Embedded Computer with Intel® Celeron® J4125**



**Main Feature**

- Fanless Design with oxidized Aluminium Casing
- Ultra Low Power Consumption processor - 10 watt (Max. TDP)
- VGA + HDMI 2.0 support 4K resolution
- 6 x COM ports, 2 x Gigabit LAN, Audio, 6 x USB 2.0/3.0
- 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-J4125-6COM
Processor	Intel® Celeron® Processor J4125 (Quad Core, 2.0 to 2.7GHz)
Chipset	Intel® integrated with processor
Memory	1 x DDR4 SO-DIMM Socket up to 32GB
BIOS	AMI 64MB Flash ROM
Graphic	<ul style="list-style-type: none"> <li>• 1 x VGA, Maximum Resolution 1920 x 1080 @ 60Hz</li> <li>• 1 x HDMI 2.0, Maximum Resolution 4096 x 2160 @ 60Hz</li> </ul>
Storage	Space for 1 x 2.5" bay for SSD/HDD; 1 x mSATA
Audio	Realtek ACL897 HD Audio for Line-Out & Mic.-In
LAN	2 x RJ45, Realtek RTL8111H Gigabit LAN
USB port / COM Port	2 x USB 3.0 & 4 x USB 2.0 / 1 x RS 232/422/ 485 & 5 x RS232
Watch-Dog Timer	Programmable 0 to 255 min, support Hardware Reset
Expansive interface	1 x Mini PCI-E for WIFI & Bluetooth
I/O port	VGA + HDMI Port, 2 x RJ45, 6 x USB, 6 x COM, 1 x Lin-out, 1 x Power Switch, 1 x DC input
Power Supply	Input: 100~240VAC, 50/60Hz; Output: DC 12V/ 5A adapter
OS supporting	Windows 10/11, Linux

Environment	Operating / Storage temperature: -10 °C to 60 °C / 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	160 x 126 x 58mm
<b>Ordering Information</b>	
<b>MPCX-J4125-6COM</b>	Industrial Embedded Computer with Intel® Celeron® J4125
<b>Optional - RAM</b>	8 to 32GB DDR4 SO-DIMM RAM
<b>Optional - SSD / HDD</b>	128 GB to 2TB SSD / 500GB to 2TB 2.5'' SATA HDD
<b>Optional - Wifi</b>	WIFI + Bluetooth with Antenna
<b>Optional - OS</b>	Windows 10/11 Professional , or Win 10/11 IoT Enterprise 64 bit