

Model: MPCX-Z370-E

Intel® Z370 Industrial Fanless Computer, 6 x COM, 5 x GLAN



Main Feature

- Fanless Design with oxidized Aluminium Casing
- Supports 6 to 9th Gen. Intel® Core™ i3/5/7 processor (LGA 1151)
- VGA + HDMI support Independent Dual Displays
- 5 x Intel GLAN (4 x PoE), 4 x COM ports, 10 x USB 2.0/3.0
- 12 to 24VDC Wide range power input
- Expansion slots: PCI-E 3.0 X16

Application:

Digital Signage, Factory Automation; Processor Automation; Intelligent Traffic Control;
Medical Equipment; Marine / Offshore Industrial ...

Specification	
Item	Description
Processor	Supports 6/7/8/9th Gen Intel® Core™ / Pentium® / Celeron® processors with LGA 1151 socket
Chipset	Intel® Z370
Memory	2 x DDR4 SO-DIMM Socket up to 64GB
BIOS	AMI 64MB Flash ROM
Graphic	1 x VGA port Supports the highest resolution 1920x1200 @60Hz 1 x HDMI ports Support the highest resolution 4096x2160 @60Hz
Storage	Space for 1 x 2.5" bay for SSD/HDD, 1 x mSATA for SSD, 1 x M.2 2280
Audio	ALC662, 6 channel HD Audio, Line-Out & Mic.-In
LAN	5 x Intel® i210 Gigabit LAN Controller, 4 x supports PoE
USB port	8 x USB 3.0 and 2 x USB 2.0
COM Port	4 x RS232/485, COM4 support RS422, COM3/4 supports CAN
GPIO	8 x Digital Input and 8 x Digital Output
Watch-Dog Timer	Programmable 0 to 255 min, support Hardware Reset
Expansive interface	1 x Mini PCI-E, 1 x M.2 2230 Key E Slot for WIFI & Bluetooth,

	1 x M.2 2240 Key B Slot, 1 x M.2 slot for M.2 2280 NVME PCIe4 SSD, 1 x PCI-E3.0 X16
I/O port	VGA + HDMI, 5 x RJ45, 8 x USB 3.0, 2 x USB 2.0, 4 x COM, 2 x Lin-out / Mic.-In, 1 x Power Switch, 1 x DC input, 1 x DIO Block
Power Supply	12 - 24 VDC wide range
Construction	Oxidized Aluminium Case
OS supporting	DOS, Windows 10 / 11, Linux
Environment	Operating temperature: -10 °C to 60 °C; Vibration: 17 to 500HZ 1G PTP; Shock: 1G /peak(11m sec) Storage temperature: -20 °C to 80 °C; Storage humidity: 5% to 95%non-condensing
Safety	CE; FCC; ROHS
Dimension W x H x D	229 x 208 x 125 mm

Ordering Information

MPCX-Z370-E	Industrial Fanless Computer Intel® Z370 Chipset Based
Optional (Intel Processor)	Refer to "Processor List"
Optional - RAM	8 to 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	128 GB to 2TB SSD / 1TB to 2TB 2.5'' SATA HDD
Optional - WIFI	WIFI + Bluetooth with Antenna
Optional - OS	Windows 10/11 Professional , or Win 10/11 IoT Enterprise 64 bit

Structure Diagram

