

**Model:** MPCX-B360  
**Industrial Fanless Computer Intel® B360 Chipset Based**



## Main Feature

- Fanless Design with oxidized Aluminium Casing
- Supports 6 to 9th Gen. Intel® Core™ i processor (LGA 1151)
- VGA + 2 x HDMI support Independent Three Displays
- 3 x Intel GLAN, 6 x COM ports, 12 x USB 2.0/3.0
- BIOS Set-up “Auto Power-On”, and “Wake on LAN”
- Optional: 9 x LAN & 2 x COM, and PCI & PCI-E Expansion slots

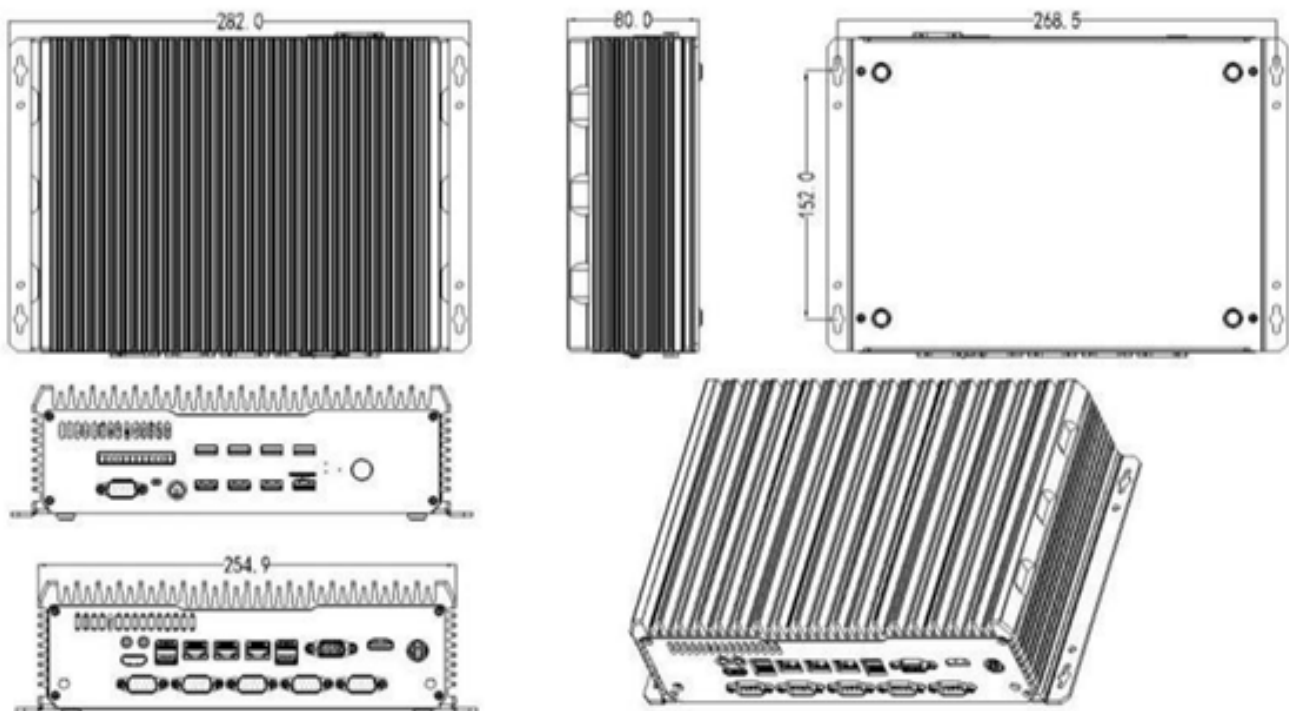
## Application:

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® B360
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 2 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
Audio	ALC662, 6 channel HD Audio, Line-Out & Mic.-In
LAN	3 x Intel® i210 Gigabit LAN Controller
USB port	8 x USB 3.0 and 4 x USB 2.0
COM Port	2 x RS 232 & 4 x 232/485 (Isolated)
GPIO	4 x Digital Input and 4 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 slot for M.2 2280 NVME PCIe4 SSD <u>Optional:</u> 2 x PCI, <u>or</u> 1 x PCI + PCI-E X1, <u>or</u> 1 x PCI-E X1 + 1 x PCI-E X4 slots
I/O port	VGA + 2 x HDMI, 3 x RJ45, 8 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, 1 x PS2, 1 x DIO Block
Power Supply	12 - 24 VDC wide range
Construction	Oxidized Aluminium Case
OS supporting	DOS, Windows 10, 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 )	282 x 192 x 80
<b>Ordering Information</b>	
MPCX-B360	Industrial Fanless Computer Intel® B360 Chipset Based
Optional (Intel Processor)	Refer to “Processor List”
Optional (9 x GLAN)	Upgrade to 9 x Intel® i210 Gigabit LAN, 2 x COM
Optional (Expansion Slots)	Upgrade to 2 x PCI, <u>or</u> 1 x PCI + PCI-E X1, <u>or</u> 1 x PCI-E X1 + 1 x PCI-E X4 expansion slots
Optional - RAM	8 to 64GB DDR4 SO-DIMM RAM
Optional - SSD / HDD	64 GB to 2TB SSD / 500GB to 2TB 2.5” SATA HDD
Optional - WIFI	WIFI + Bluetooth with Antenna
Optional - OS	Windows 10 Professional , or Win 10 IoT Enterprise 64 bit

## Structure Diagram



**Optional:** 2 x PCI, or 1 x PCI + PCI-E X1,  
or 1 x PCI-E X1 + 1 x PCI-E X4 slots

**Dimension:** 282 x 192 x 130mm



**Optional:** Upgrade to 9 x Intel® i210  
Gigabit LAN, 2 x COM

