

Model: MPCX-Q670-3EAC

Industrial Wall-mount AI Computer - Intel® 12th to 14th Gen. Processor



Main Feature

- Oxidized Aluminium Casing
- Supports 12th to 14th Gen. Intel® Core™ i3/5/7 processor (LGA 1700)
- VGA + DVI support Independent Dual Displays
- 2 x Intel GLAN, 4 x COM ports, 4 x USB 3.0
- 90 to 260VAC Wide range power input - 750 Watt internal PSU
- 3 x Expansion slots: 2 x PCI-E 3.0 X16 & X4

Application:

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

Specification	
Item	Description
Product Model	MPCX-Q670-3EAC
Processor	Supports 12 - 14 th Gen. Intel® Core™ / Celeron® processors with LGA 1700 socket
Chipset	Intel® Q670
Memory	2 x DDR4 SO-DIMM Socket up to 64GB
BIOS	AMI 128MB Flash ROM
Graphic	1 x VGA & DVI port supports the highest resolution 1920x1200 @60Hz
Storage	2 x 2.5" bay for SSD/HDD SATA 3.0, 1 x M.2 2242/2280 (NVME)
LAN	2 x Intel® Gigabit LAN Controller
USB port	4 x USB 3.0
COM Port	4 x COM (RS232)
Watch-Dog Timer	Programmable 0 to 255 min, support Hardware Reset
Expansive interface	1 x Mini PCI-E for WIFI & Bluetooth, 1 x M.2 Key B Slot for 5G Module 1 x PCI-E3.0 X16 (Max. Graphic card length 300mm) and 1 x PCI-E3.0 X4

I/O port	VGA + DVI, 2 x RJ45, 4 x USB 3.0, 4 x COM, 1 x Power Switch, 1 x AC input, 1 x Remote PWR
Power Supply	90 - 260 VAC wide range (750 Watt internal PSU)
Construction	Oxidized Aluminium Case
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	370 x 253 x 235mm

Ordering Information

MPCX-Q670-3EAC	Industrial Wall-mount AI Computer Intel® Q670 Chipset, 3 x Expansion slots
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

