

Industrial Modular Computer with 6th/7th/8th/9th Gen Intel® Core™ i3/i5/i7/i9, Pentium®, Celeron® Processor

## Overview

The MIC-7400 is a modular industrial computer featuring 6th/7th/8th/9th Gen Intel® Core™ i3/i5/i7/i9, Pentium®, and Celeron® processors. With robust functionalities, extensive connectivity options, flexible video outputs, and storage solutions, it provides excellent performance for diverse industrial applications while operating on a 24VDC power input.

## Features

- 6th/7th/8th/9th Gen Intel® Core™ i3/i5/i7/i9, Pentium®, Celeron® Processor
- 4xCOM(1x RS-232/485, 1x RS-485, 2xRS-232), 6x LAN, 8x USB
- 2x DP, 1x VGA
- 1x 2.5" SATA HDD/SSD, 1x M.2 SSD, 1x full length Mini PCIe
- 24VDC power input



Operating Temp.



Power Input



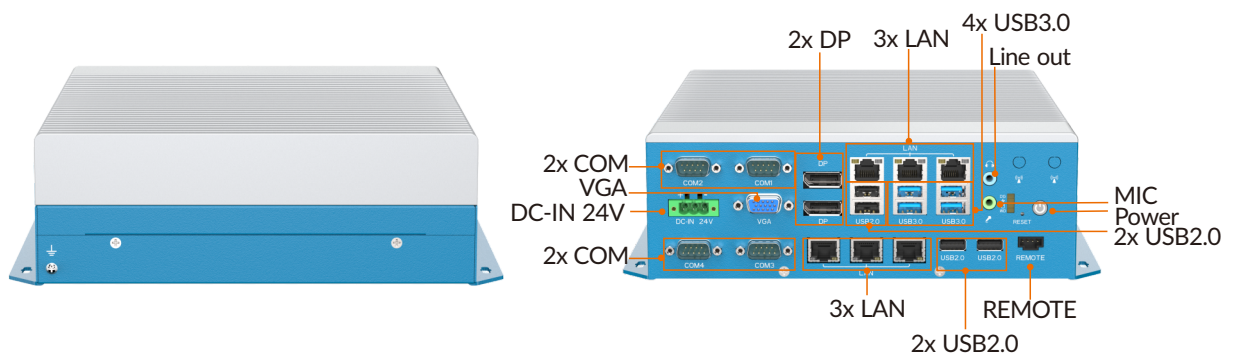
Fanless



PCI/PCIe



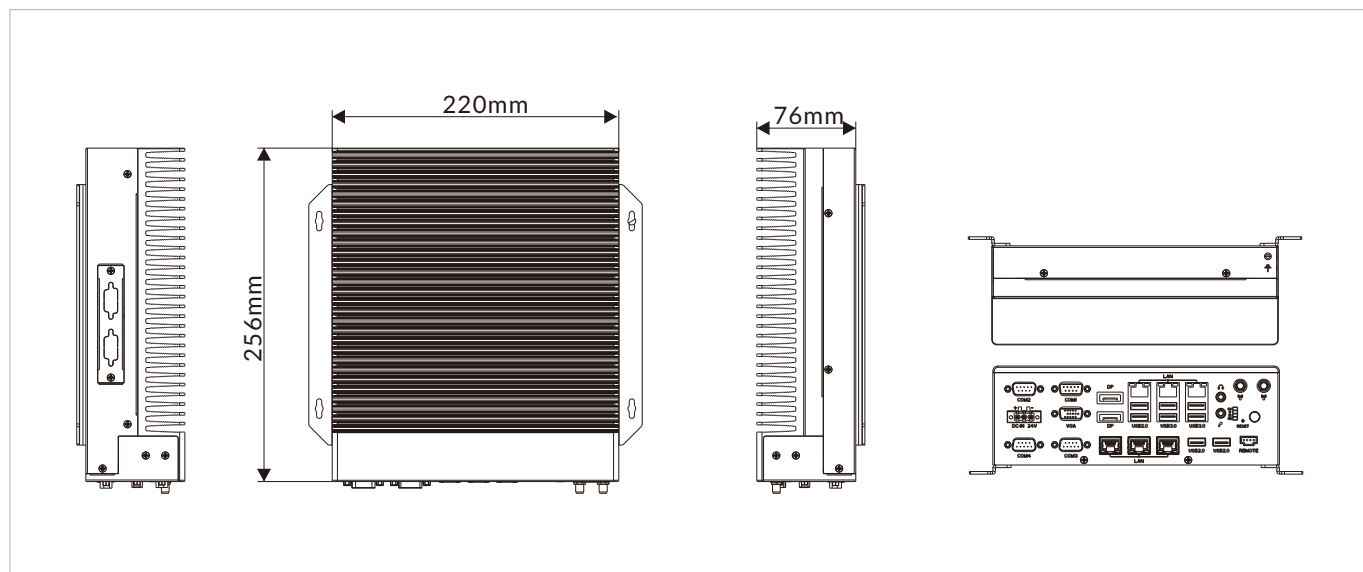
## I/O Interfaces



## Specifications

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| <b>System</b>           |                                                        |
| CPU                     | LGA1151 Socket i3/i5/i7/i9                             |
| CPU TDP                 | 65W                                                    |
| Chipset                 | Intel® H110                                            |
| Memory                  | 2x DDR4 SO-DIMM up to 32GB                             |
| Storage                 | 1x 2.5" SATA HDD<br>1x M.2 2280 SATA                   |
| BIOS                    | AMI UEFI                                               |
| Watchdog Timer          | Software programmable supports 256 levels system reset |
| <b>I/O Ports</b>        |                                                        |
| USB Port                | 4x USB 2.0, 4x USB3.0                                  |
| Serial Port             | 4x COM(1x RS-232/485, 1x RS-485, 2x RS-232)            |
| Ethernet                | 1x Intel® I219-LM, 5x Intel® I210-AT                   |
| Display Port            | 2x DP, 1x VGA                                          |
| SIM Card Slot           | 1x SIM                                                 |
| Antenna Hole            | 2x SMA-type                                            |
| <b>Expansion Slot</b>   |                                                        |
| Mini-PCle               | 1x full length Mini PCIe                               |
| M.2                     | 1x M.2 M-Key 2280                                      |
| <b>RF Communication</b> |                                                        |
| Wi-Fi                   | Mini-PCle Expansion (Optional)                         |
| Cellular                | Mini-PCle Expansion (Optional)                         |
| Bluetooth               | Mini-PCle Expansion (Optional)                         |
| GNSS                    | Mini-PCle Expansion (Optional)                         |
| <b>Audio</b>            |                                                        |
| Audio                   | Mic in, line out                                       |
| <b>Power</b>            |                                                        |
| Remote Power On/Off     | 4-Pin remote                                           |
| DC Input                | 24VDC                                                  |
| Input Type              | 1x 3-pin terminal block connector                      |
| Power Mode              | AT/ATX                                                 |
| <b>Operating System</b> |                                                        |
| Windows                 | Windows 7/10                                           |
| Linux                   | Ubuntu                                                 |
| <b>Mechanical</b>       |                                                        |
| Dimensions (WxDxH)      | 220 x 256 x 76mm (8.66 x 10.08 x 2.99 inches)          |
| Weight (N.W.)           | 4.3kg (9.48 lb)                                        |
| Mounting                | Wall-mount                                             |
| Material                | Aluminum alloy                                         |
| <b>Environment</b>      |                                                        |
| Operating Temperature   | -10 to 50°C (14 to 122°F, with SSD Airflow 0.7m/s)     |
| Storage Temperature     | -40 to 80°C (-40 to 176°F)                             |
| Relative Humidity       | 10% to 95% (non-condensing)                            |
| <b>Certification</b>    |                                                        |
| EMC                     | CE, FCC Class A                                        |

## Dimensions



## Ordering Information

| Part No. | Description                                                                                     |
|----------|-------------------------------------------------------------------------------------------------|
| MIC-7400 | Industrial Modular Computer with Intel® Core-i processor, 6x LAN, 4x COM, 8x USB, 2x DP, 1x VGA |