

# AiMC-2100

**Micro Computer, Intel® Core™ i7/i5/i3 CPU,  
1 Expansion, 250W 80Plus PSU**



## Features

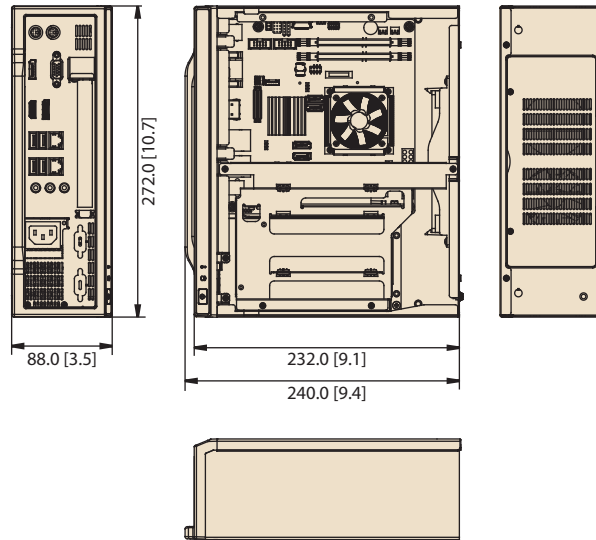
- Intel® QM77 Platform
  - Intel® 3<sup>rd</sup>/2<sup>nd</sup> gen Core™ i7/i5/i3 mobile CPU (PGA)
  - One PCIe x16 Expansion Slot
- Compact, well-thought-out design
  - Two internal, shock-resistant, 2.5" SATA HDD bays
  - Front accessible I/O: VGA+HDMI+Display port, 2 GbE LAN, 4 USB3.0, 2 COM
  - Ruggedized handle for convenient maintenance
  - Easy-to-maintain system fan and reusable filter
- Energy Savings
  - 250W 80Plus PSU

## Specifications

|                          |                        |                                                                                                       |                |                                              |              |
|--------------------------|------------------------|-------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------|--------------|
| Processor System         | CPU                    | Core i7-3610QE                                                                                        | Core i5-3610ME | Core i3-3120ME                               | Celeron B810 |
|                          | Core                   | 4                                                                                                     | 2              | 2                                            | 2            |
|                          | Base Frequency         | 2.3 GHz                                                                                               | 2.7 GHz        | 2.4 GHz                                      | 1.6 GHz      |
|                          | L3 Cache               | 6 MB                                                                                                  | 3 MB           | 3 MB                                         | 2 MB         |
|                          | Chipset                | QM77                                                                                                  |                |                                              |              |
|                          | BIOS                   | AMI 64Mb SPI Flash                                                                                    |                |                                              |              |
| Memory                   | Technology             | Dual Channel DDR3 1066/1333 MHz (Non ECC)                                                             |                |                                              |              |
|                          | Max. Capacity          | 16 GB (8 GB per DIMM)                                                                                 |                |                                              |              |
|                          | Socket                 | 204-pin SO-DIMM x 2                                                                                   |                |                                              |              |
| Graphics                 | Controller             | Integrated Gfx Gen 7, supports DirectX11, OpenGL 3.1 and OpenCL 1.1                                   |                |                                              |              |
| Expansion slot           | PCI Express x16        | 1: Full-Height: 107 mm / Length: Max. 176 mm                                                          |                |                                              |              |
| Ethernet                 | Interface              | 10/100/1000 Mbps                                                                                      |                |                                              |              |
|                          | Controller             | LAN1: Intel 82579LM, LAN2: Intel 82583V                                                               |                |                                              |              |
| SATA                     | Max Data Transfer Rate | 600 MB/s (SATA 3.0)/ 300 MB/s (SATA 2.0)                                                              |                |                                              |              |
|                          | HDD Bay                | 2 internal 2.5" (Top: max. 12.5 mm height, Bottom: max. 9.5 mm height)                                |                |                                              |              |
| I/O Interface            | Display                | 1 VGA + 1 HDMI + 2 Display Port (Max triple display, except i7-2710QE, i5-2510E, i3-2330E & B810 CPU) |                |                                              |              |
|                          | USB                    | 4 USB3.0                                                                                              |                |                                              |              |
|                          | Serial                 | 2 (RS-232, COM2 with 5 V/12 V)                                                                        |                |                                              |              |
|                          | Mini PCIe              | 1 internal                                                                                            |                |                                              |              |
|                          | Cfast                  | 1 internal                                                                                            |                |                                              |              |
|                          | Audio                  | 3 (Mic-in, Line-out, Line-in)                                                                         |                |                                              |              |
|                          | PS/2                   | 2 (1 x keyboard and 1 x mouse)                                                                        |                |                                              |              |
| Watchdog Timer           | Output                 | System reset                                                                                          |                |                                              |              |
|                          | Interval               | Programmable 1 ~ 255 sec/min                                                                          |                |                                              |              |
| Power Supply             | Output Rating          | AC 250W, ATX                                                                                          |                |                                              |              |
|                          | Input Voltage          | 100 V <sub>AC</sub> ~ 240 V <sub>AC</sub>                                                             |                |                                              |              |
| Cooling                  | System Fan             | 2 (6cm / 27.7 CFM)                                                                                    |                |                                              |              |
|                          | Air Filter             | Yes                                                                                                   |                |                                              |              |
| Miscellaneous            | LED Indicators         | Power, HDD, temperature                                                                               |                |                                              |              |
|                          | Control                | Power on/off switch                                                                                   |                |                                              |              |
| Environment              |                        | Operating                                                                                             |                | Non-operating                                |              |
|                          | Temperature            | 0 ~ 40° C (32 ~ 104° F)                                                                               |                | -20 ~ 60° C (-4 ~ 140° F)                    |              |
|                          | Humidity               | 10 ~ 85% @ 40° C, non-condensing                                                                      |                | 10 ~ 95% @ 40° C, non-condensing             |              |
|                          | Vibration              | 1Grms, random, 5~500Hz, 3 axes, 1 hr/axis                                                             |                | 2Grms, sine wave, 5~500Hz, 3 axes, 1 hr/axis |              |
|                          | Shock                  | 10G, half sine wave, 11 ms duration                                                                   |                |                                              |              |
|                          | EMC                    | CE/FCC, CCC, BSMI                                                                                     |                |                                              |              |
|                          | Safety                 | UL/CB, CCC, BSMI                                                                                      |                |                                              |              |
| Physical Characteristics | Dimension (W x H x D)  | 272 x 88 x 232 mm                                                                                     |                |                                              |              |
|                          | Weight                 | 3.5 kg                                                                                                |                |                                              |              |

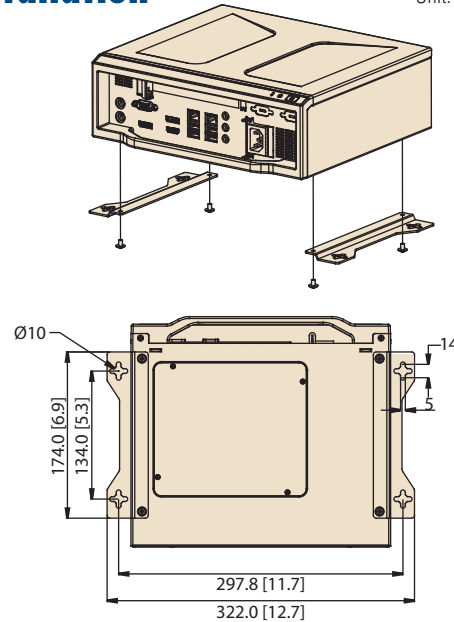
## Dimensions

Unit: mm [inch]

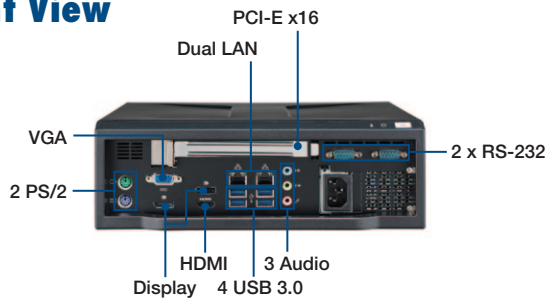


## Installation

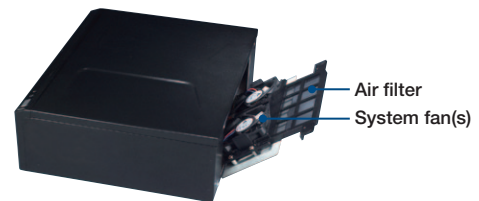
Unit: mm [inch]



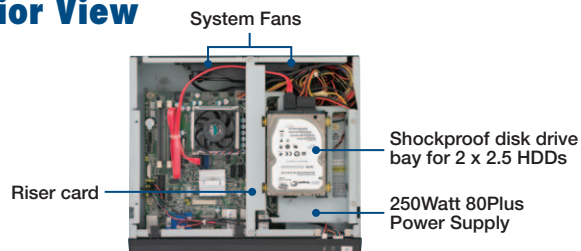
## Front View



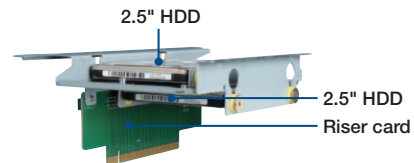
## Rear Cover for Replacing Fans



## Interior View



## 2.5" HDDs and Riser Card Bracket



## Ordering Information

| Part Number     | Description                                                           |
|-----------------|-----------------------------------------------------------------------|
| AIMC-2100-00A1E | Micro Computer, Intel Core i7/i5/i3 CPU, 1 Expansion, 250W 80Plus PSU |

## Optional Accessories

| Part Number | Description       |
|-------------|-------------------|
| 98R2662001E | VESA mounting kit |

## Packing List

| Items                   | Part Number     | Quantity |
|-------------------------|-----------------|----------|
| AIMC-2100 Bare System   | AIMC-2100-00A1E | 1        |
| CPU Cooler              | 1960051292N001  | 1        |
| Driver CD for Mainboard | 2066027300      | 1        |
| SATA Power Cable        | 1700003194      | 2        |
| SATA HDD Cable          | 1703150102      | 2        |
| Mounting Brackets       | 1960014487T00C  | 2        |
| Rubber Foot             | 1990005896S000  | 4        |

# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.