

IPC-MI05 ixx (6th / 7th gen.)

fanless Box PC



Overview:

- various Intel® processors applicable
- compact size
- operates fanless
- M.2 SSD or HD 2,5"
- up to 16 GB RAM DDR3
- 2 x Ethernet / dual Gigabit LAN
- housing with side brackets
- VESA 75/100 mm
- Optional WiFi/ Bluetooth

Description:

The IPC-MI05 is a compact mounting / wall-mount PC featuring an embedded industrial motherboard in mini-ITX format. The system operates fanless and can be equipped with Intel® i3 / i5 / i7 processors of 6th / 7th generation, making it suitable for a wide range of visualization tasks. Linux and Windows up to 10 operating systems are supported. Customer-specific configurations can be manufactured cost-effectively, even in small quantities. When equipped with an SSD, the system is suitable for operation in harsh industrial environments and in vehicles. The industrial PC can be easily mounted using the side mounting brackets on a mounting plate, control cabinet wall, or control panel. Alternatively, the devices can be installed using the VESA mounting interface.

technical data:

Overview:

Embedded Box PC fanless with mini-ITX motherboard

Storage:

SSD or HD 2,5"

Interfaces:

6x USB, 6x RS232 COM, Gigabit LAN 2x
VGA, HDMI, Audio out

Software:

Windows, Linux
Windows 11 not supported

ventilation:

fanless

power supply:

12VDC via external wide-range-power supply
100-240VAC,
option 9-36 VDC

mounting:

mounting via side brackets or VESA 75/100

dimensions / weight:

about 322 x 210 x 36,2 / about 2,2 kg

case:

Aluminum cooling cover and metal enclosure,
silver or black

environmental conditions:

operating: -10-50°C with 10-90% humidity range

protection class:

IP40

certification:

CE/ FCC/RoHS

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Processor:

Intel® Core (6th / 7th gen.) / Chipset: skylake / Kabylake

i3-6006U / 7020U (2 cores 2.0 / 2.3GHZ)
i5-6200U / 7200U (2 cores 2.3 / 2.5GHZ)
i7-6500U / 7500U (2 cores 2.5 / 2.7GHZ)

Graphic:

Graphic Intel® HD

Storage:

SO-DIMM max. 16GB (standard 4GB)

part number Processor:

| | |
|-----------------|-------------------------|
| 10060xxx | IPC-MI05 Intel i3 6006U |
| 10060306 | IPC-MI05 Intel i3 7020U |
| 10060312 | IPC-MI05 Intel i5 6200U |
| 10060307 | IPC-MI05 Intel i5 7200U |
| 10060xxx | IPC-MI05 Intel i7 6500U |
| 10060308 | IPC-MI05 Intel i7 7500U |

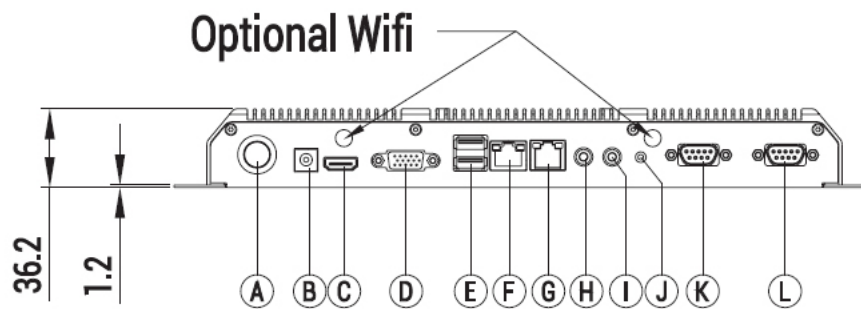
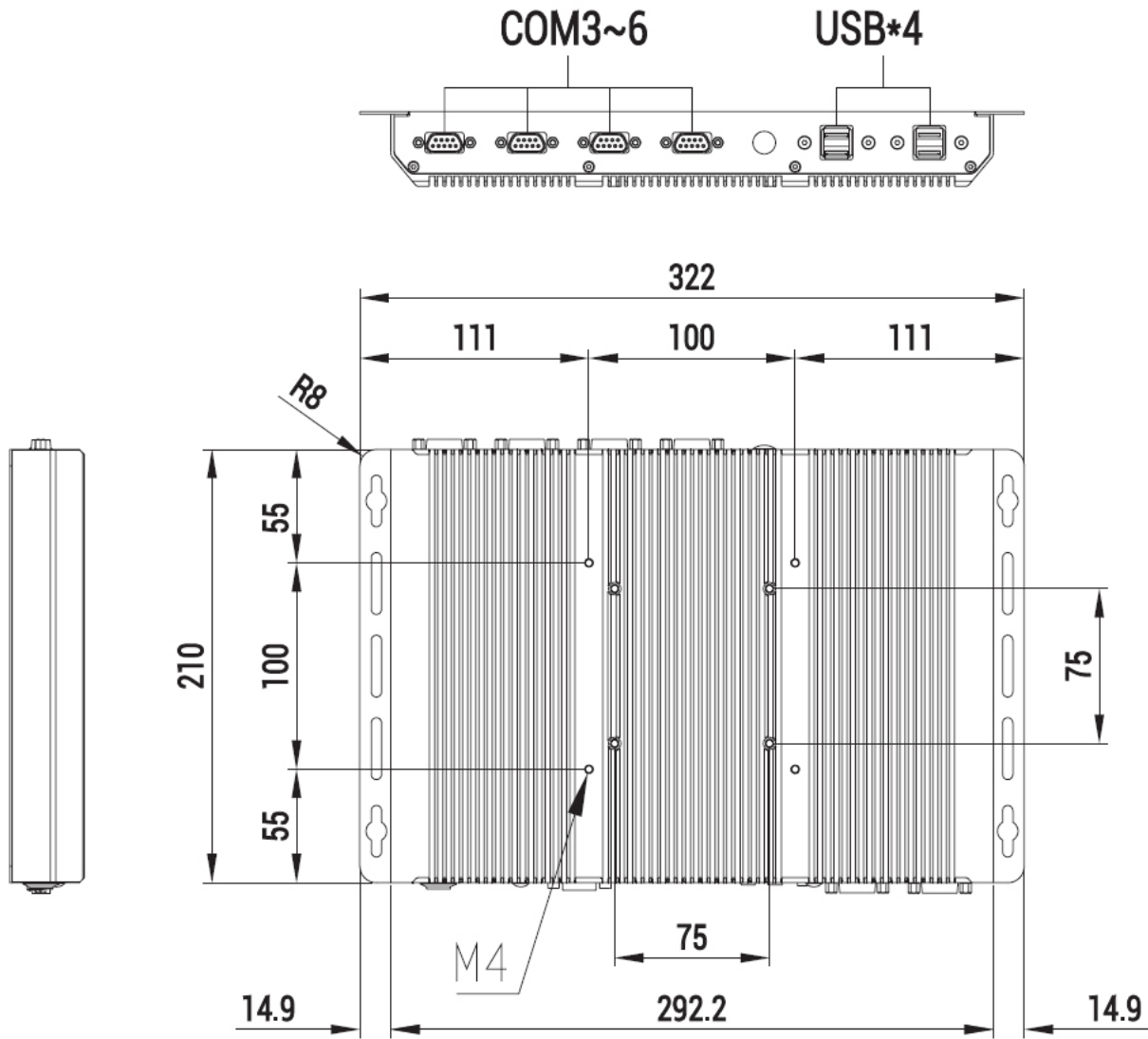
part number options:

| | |
|-----------------|----------------------------|
| 10060390 | Option black |
| 10060387 | Option 9-36VDC |
| 10060392 | Option RAM 8GB |
| 10060393 | Option RAM 16GB |
| 10060394 | Option SSD 128GB |
| 10060395 | Option SSD 256GB |
| 10060388 | Option SSD 512GB |
| 10060396 | Option HDD 500GB or higher |
| 10060397 | Option WIFI / Bluetooth |
| 10060398 | Option external fan |
| 10060399 | Option 1x RS485 / 422 |

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dimensions in mm:



dimensions with external fan in mm:

