

# Winmate M-Series Box PC

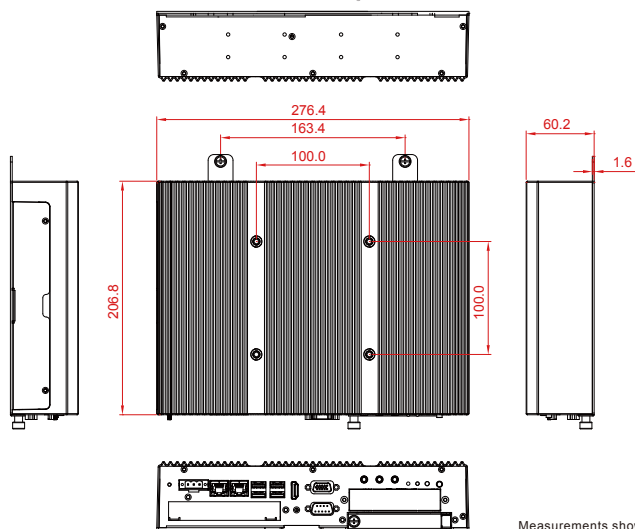
M-Series Box PC with Intel Core i6-6200U

IKMH100

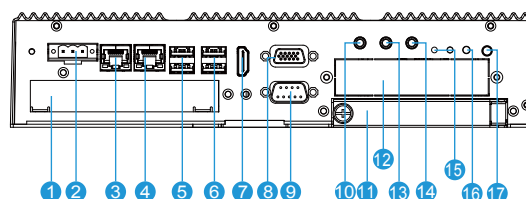


## Features:

- Modular design
- Auto detection of the connected display, No settings necessary
- Quick & Easy Replaceable Hard Disk Design, No Tools required
- Support wide range 9-29V isolation DC input
- Optional with Modular front Display as a Panel PC
- Expansion slot for PCIe x4
- Internal 64GB mSATA SSD, Removable 1 Bay 2.5" SSD Slot



Measurements shown in mm  
All Dimensions are  $\pm 0.5$  mm



1. PCIe Slot cover for PCIe x4 (1 x Half-Length PCIe card)
2. 9-39V isolation DC-in
3. Giga LAN
4. Giga LAN
5. USB 3.0 x 2
6. USB 3.0 x 2
7. HDMI
8. VGA
9. RS232/422/485
10. Mic in
11. 2.5" SSD Slot x 1
12. Expansion Slot (Preliminary)\*
13. Line in
14. Line out
15. LED
16. Reset
17. Power Button

\* Note: this is a simplified drawing and some components are not marked in detail.  
Please contact our sales representative if you need further product information.

## System Specification

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| CPU                       | : Intel® Core™ i5-6200U 2.3 GHz, up to 2.8 GHz      |
| BIOS                      | : AMI UEFI BIOS                                     |
| Graphic Chipset           | : Intel® HD Graphics 520                            |
| System Memory             | : SODIMM DDR4L-2133 4GB, option up to 8GB (2 slots) |
| Main Storage              | : Default 2.5" 64GB SSD                             |
| Second Storage (Optional) | : Internal mSATA 64-256 GB SSD                      |
| Ethernet                  | : 1000 Base-Tx Gigabit Ethernet Compatible          |
| Audio                     | : Realtek ALC886 Codec                              |
| Expansion Slot            | : PCIe x 4 / Expansion Slot (Preliminary)           |

## Mechanical Specification

|            |                                                                   |
|------------|-------------------------------------------------------------------|
| Housing    | : Aluminum housing                                                |
| Mounting   | : Desktop/Wall Mount<br>(Optional Panel Mount with Front Display) |
| Dimensions | : 276.4 (L) x 206.8 (W) x 60.2 (H)                                |

## Power Supply

|               |                                              |
|---------------|----------------------------------------------|
| Power Input   | : 9-29V isolation DC in with protection Fuse |
| Power Adapter | : 110-240 AC to 12V DC out 80W power Adapter |

## Optional Operating System

|                  |                                                                                           |
|------------------|-------------------------------------------------------------------------------------------|
| Operating System | : Windows 10 IoT Enterprise<br>Windows Embedded 8 Standard<br>Windows Embedded Standard 7 |
|------------------|-------------------------------------------------------------------------------------------|

## Environmental Specification

|                    |                                      |
|--------------------|--------------------------------------|
| Operating Temp.    | : 0°C~+50°C                          |
| Operating Humidity | : 30%-95% at 40 (non-condensing, RH) |

## I/O Connectors

|                  |                                                                                                                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Front I/O        | : 1 x DC in 9-29V with isolation<br>(Terminal Block 3pin)<br>2 x Giga LAN<br>4 x USB3.0<br>1 x HDMI Output<br>1 x D-Sub15 (VGA) Output<br>1 x RS232/422/485 selectable serial port<br>1 x Audio in Jack<br>1 x Audio out Jack |
| Physical Buttons | : 1 x Reset Key<br>1 x Power Button                                                                                                                                                                                           |
| Indicator        | : Two 2.5" SSD indicators                                                                                                                                                                                                     |

## Packing List

|                                               |
|-----------------------------------------------|
| Driver CD x 1                                 |
| 110-240AC to 12V DC out 80W Power Adapter x 1 |
| Power Cord x 1                                |
| Terminal Block Connector (Female) x 1         |

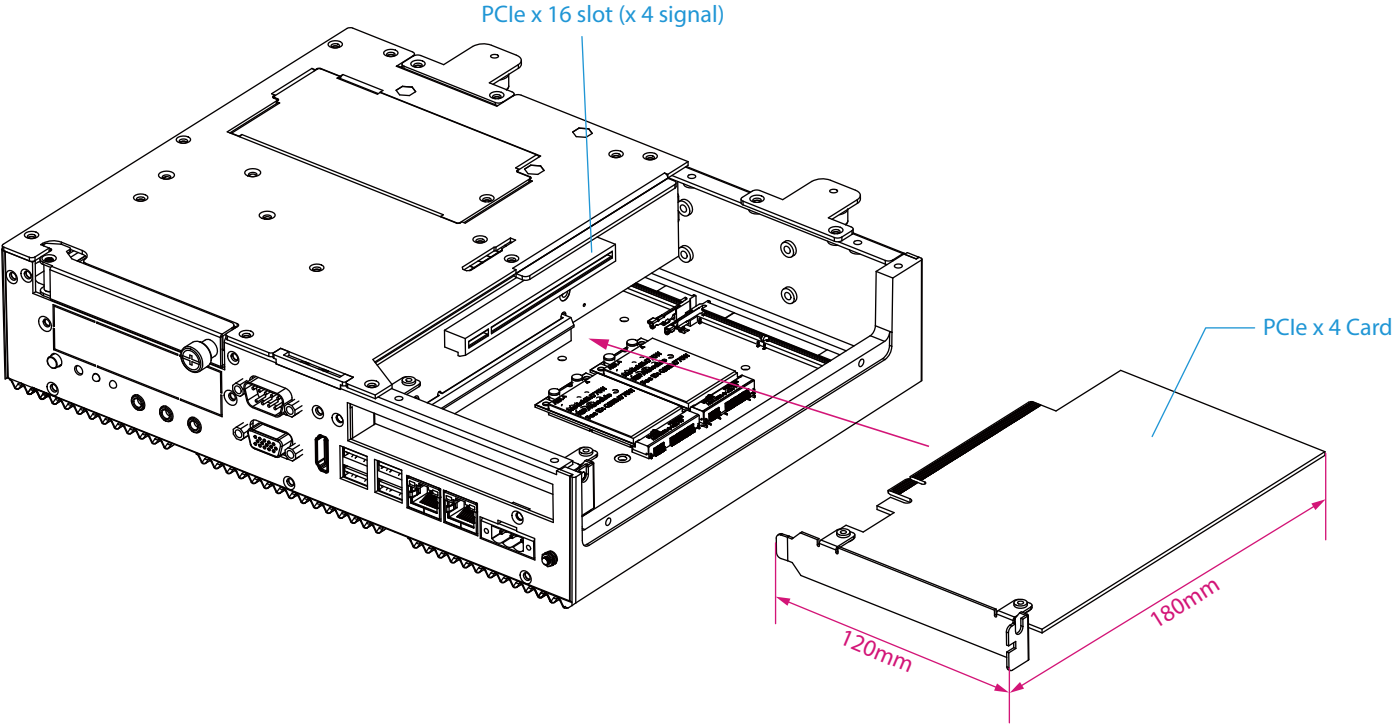
| Expansion Slot Configurations (Preliminary) |
|---------------------------------------------|
| USB 2.0 x 4                                 |
| Giga LAN x 2                                |
| COM x 2                                     |
| 3G with SIM x 1                             |
| USB 3.0 x 2                                 |

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## Expansion PCIe card dimension info.



## PCIe card height limit

