

# ITMH100

## Intel® Core™ i5-1135G7 M Series Box PC



### KEY FEATURES

- Intel® Tiger Lake UP3 Core™ i5-1135G7
- Multi Video Output , HDMI/DisplayPort
- Auto detection of the connected display, No settings necessary
- Quick & Easy Replaceable Hard Disk Design, No Tools required
- Support wide range 9-29V DC input
- Optional with Modular front Display as a Panel PC
- Expansion slot for PCIe x4



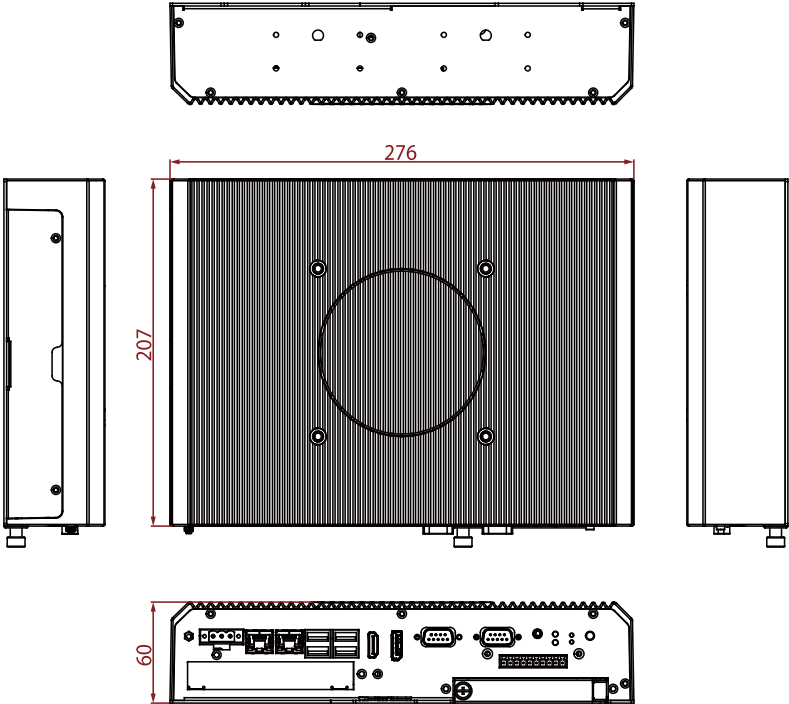
### SPECIFICATIONS

System Specification			
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Expansion Port</b>	Modular Design for easy service in the field	<b>Processor</b>	Intel® Tiger Lake Core™ i5-1135G7, 2.4 GHz(turbo up to 4.2GHz)
<b>Memory</b>	2 x SODIMM, DDR4 3200 MHz, 4GB 8GB (Optional) 16GB (Optional) 32GB (Optional)	<b>Storage</b>	1 x M.2 2280 NVMe SSD, 64GB up to 512GB 2 x 2.5" Removable 256GB SSD up to 512GB (Optional)
<b>Ethernet controller</b>	Intel® Ethernet Controller I211-AT + Intel® Ethernet Connection I219-LM	<b>Operating System</b>	Windows 10 IoT Enterprise (Optional)
Mechanical			
<b>Dimension</b>	276 x 207 x 60 mm	<b>Mounting</b>	Desk Mounting
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
Environment			
<b>Operating Humidity</b>	10% to 90% (non-condensing)	<b>Operating Temperature</b>	0~50°C
<b>Storage Temperature</b>	-10~60°C		
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>Power Input</b>	1 x 9~29V DC, 3-Pin Terminal Block	<b>USB Port</b>	4 x USB 3.2 Gen.1 (Type-A)
<b>Serial Port</b>	2 x RS232/422/485 (Default RS232)	<b>Video</b>	1 x DP1.4 1 x HDMI 2.0 (Optional)
<b>Audio</b>	1 x Audio Combo Connector (Mic in / Line Out)	<b>Expansion Port</b>	1 x mPCIe slot 1 x PCIe x16 slot (x4 signal)(module max size:180x121mm) 1 x M.2 2230 Key E slot for WiFi 1 x M.2 2280 Key M slot for NVMe SSD Swappable 2.5" HDD/SSD Bay Slot
<b>LAN</b>	2 x Giga LAN RJ45 Connector	<b>Indicator</b>	1 x LED Indicator for storage
<b>DIDO</b>	Digital 4 in/ 4 out (Optional)		
Control			
<b>Button</b>	1 x Power Button with LED Indicator 1 x Reset Button		

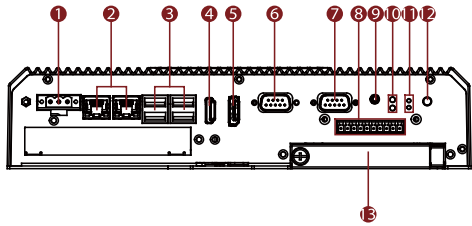
Accessory			
Accessory	100~240V AC to DC Adapter Power Cord Open Wire Cable with terminal block connector Driver CD & Manual VESA screws		
Power			
Power Rating	9V~29V DC with protection fuse	Adapter	12V 84W

**DIMENSIONS** UNIT:MM

**Winmate ITMH100**



Front side I/O



- ① Power Input
- ② Giga LAN
- ③ USB 3.2 Gen.1
- ④ HDMI
- ⑤ DP
- ⑥ COM
- ⑦ COM
- ⑧ Isolated DIDO
- ⑨ Audio Combo Connector (Mic in / Line Out)
- ⑩ HDD LED indicator
- ⑪ Reset / Clear CMOS button
- ⑫ Power Switch
- ⑬ Removable HDD/ SSD Slot

**NOTE**

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.