

# IBMH100

## Intel® Atom® E3845 M Series Box PC



### KEY FEATURES

- Auto detection of the connected display, No settings necessary
- Quick & Easy Replaceable Hard Disk Design, No Tools needed
- Support wide range 12-24V DC input embedded single board computer
- Optional with Modular front Display as a Panel PC
- Internal 64G mSATA SSD, Removable 1 Bay 2.5" SSD Slot



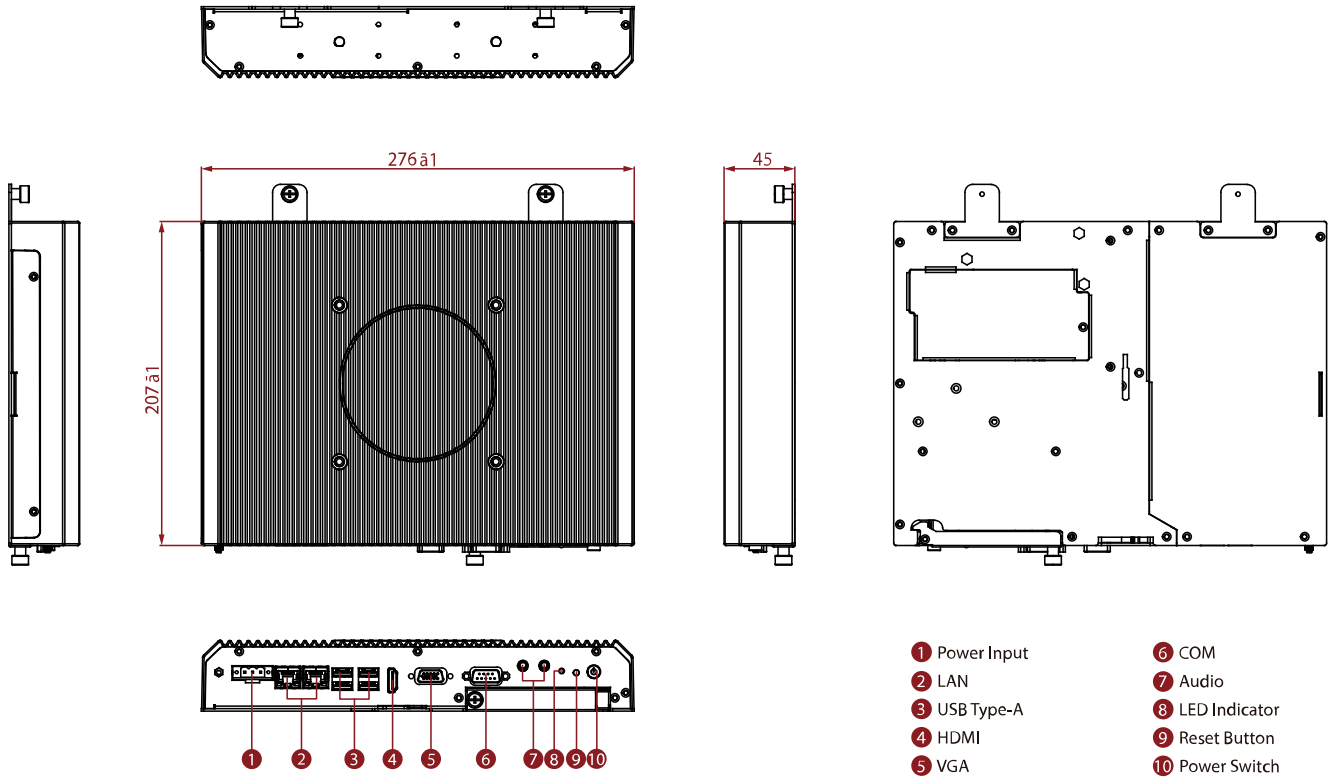
### SPECIFICATIONS

System Specification			
<b>Processor</b>	Intel Atom E3845 1.91GHz	<b>Memory</b>	2 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
<b>Storage</b>	1 x mSATA 128GB 1 x 2.5" 128GB SSD up to 512GB (Optional)	<b>Ethernet controller</b>	2 x Intel® Ethernet Controller
<b>Security</b>	TPM 1.2	<b>Operating System</b>	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
<b>WLAN</b>	Support (Optional)	<b>BT</b>	Support (Optional)
<b>Expansion Port</b>	Modular Design for easy service in the field		
Mechanical			
<b>Dimension</b>	276 x 207 x 45.2 mm	<b>Mounting</b>	Desk Mount
<b>Enclosure</b>	Metal Housing	<b>Cooling System</b>	Fanless design
Environment			
<b>Operating Humidity</b>	10% to 90% RH, Non-Condensing	<b>Operating Temperature</b>	0°C to 50°C
<b>Storage Temperature</b>	-10°C to 60°C		
Certification			
<b>Certification</b>	CE, FCC		
IO Ports			
<b>Power Input</b>	1 x 12~24V DC, 3-Pin Terminal Block	<b>USB Port</b>	4 x USB2.0 (Type-A)
<b>Serial Port</b>	1 x RS232/422/485 (Default RS232)	<b>Video</b>	1 x HDMI 1.4 (Optional) 1 x VGA (Optional)
<b>Audio</b>	Line in Line out	<b>Expansion Port</b>	1 x mPCIe slot(for half size Wifi module) 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>mini PCIe</b>	1 x Mini PCIe(For WLAN)		
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  
 VESA screws

<b>Power</b>			
<b>Power Rating</b>	12V~24V DC with protection fuse	<b>Adapter</b>	12V 80W

**DIMENSIONS** UNIT:MM



- 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.