

IBMH100

Intel® Atom® E3845 embedded single board computer



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

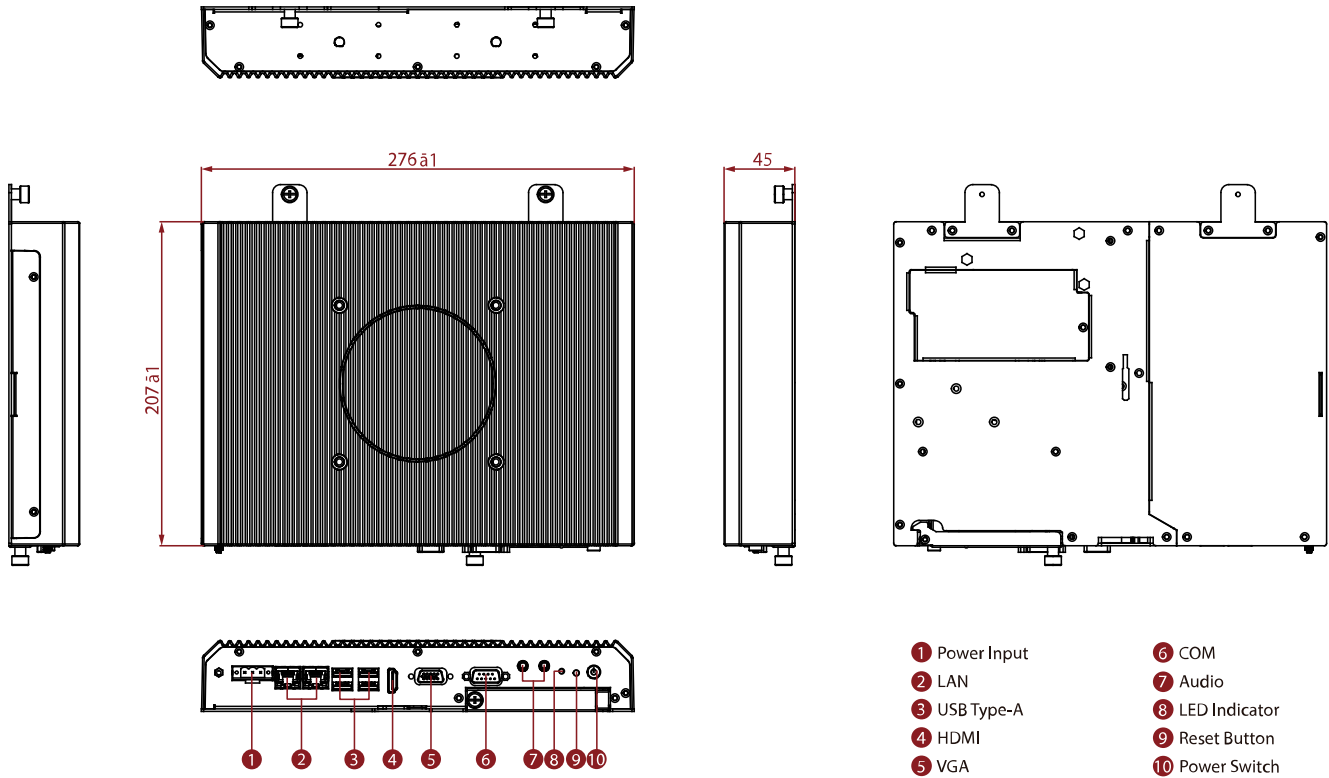
System Specification			
Processor	Intel® Atom® E3845 (2M Cache, 1.91 GHz)	Memory	2 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Storage	1 x mSATA 128GB 1 x 2.5" 128GB SSD up to 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 1.2	Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)	BT	Support (Optional)
Expansion Port	Modular Design for easy service in the field		
Mechanical			
Dimension	276 x 207 x 45.2 mm	Mounting	Desk Mounting
Enclosure	Metal Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	0~50°C
Storage Temperature	-10~60°C		
Certification			
Certification	CE, FCC		
IO Ports			
Power Input	1 x 12~24V DC, 3-Pin Terminal Block	USB Port	4 x USB2.0 (Type-A)
Serial Port	1 x RS232/422/485 (Default RS232)	Video	1 x HDMI 1.4 (Optional) 1 x VGA (Optional)
Audio	Line in Line out	Expansion Port	1 x mPCIe slot(for half size Wifi module) Swappable 2.5" HDD/SSD Bay Slot
LAN	2 x Giga LAN RJ45 Connector	Indicator	1 x LED Indicator for storage
mini PCIe	1 x Mini PCIe(For WLAN)		
Control			
Button	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
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Power			
Power Rating	12V~24V DC with protection fuse	Adapter	12V 80W

DIMENSIONS UNIT:MM

embedded single board computer IBMH100



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.