

R19IBWS-MHA1

19" Intel® Atom® E3845 E3845 M Series HMI Panel PC



KEY FEATURES

- Projected Capacitive Multi Touch Screen
- Fanless Design
- Modular design for easy service in the field
- Support wide range 12-24 V DC input
- One Quick & Easy Removable 2.5" SSD Bay Slot

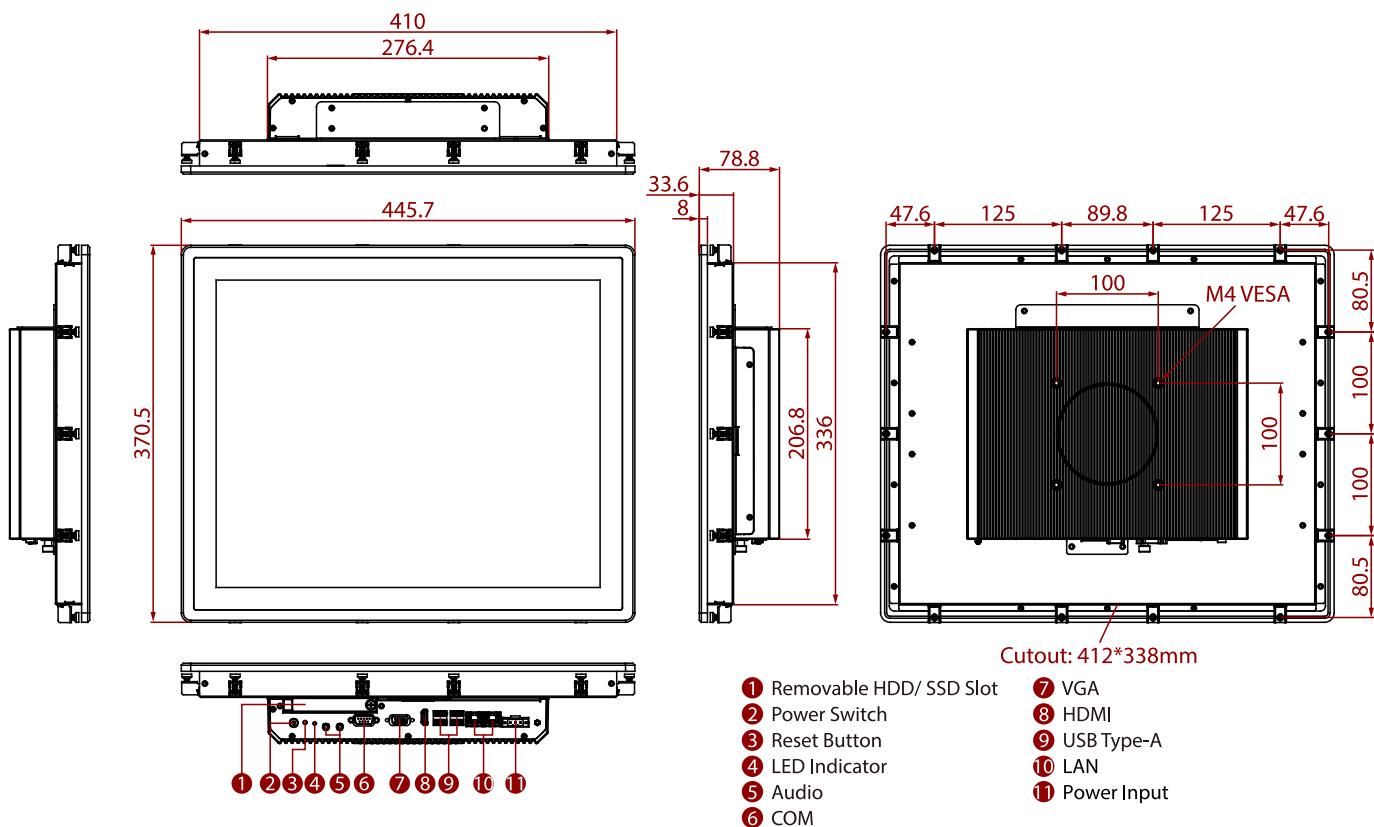


SPECIFICATIONS

Display			
Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	400.0 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Projected Capacitive Multi Touch Screen		
System Specification			
Processor	Intel Atom E3845 1.91GHz	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 (64 bit) (Optional)
WLAN	Support (Optional)	BT	Support (Optional)
Expansion Port	Modular Design for easy service in the field		
Mechanical			
Dimension	445.7 x 370.5 x 78.8 mm	Weight	8.0 kg
Mounting	Panel mount VESA Mount	Enclosure	Metal Housing
Cooling System	Fanless design	Cut out	412 x 338 mm
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C	IP rating	Front IP65
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 Mounting clips VESA screws		
Power			
Power Rating	12V~24V DC with protection fuse	Adapter	12V 84W
Consumption	35W~45W		

DIMENSIONS UNIT:MM



NOTE

1. This is a simplified drawing and some components are not marked in detail.
2. 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.
3. All specifications are subject to change without prior notice.