

W22IBWS-MHA3

21.5" Intel® Atom® E3845 HMI Panel PC



KEY FEATURES

- Projected Capacitive Multi Touch Screen
- Fanless Design HMI Panel PC
- 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

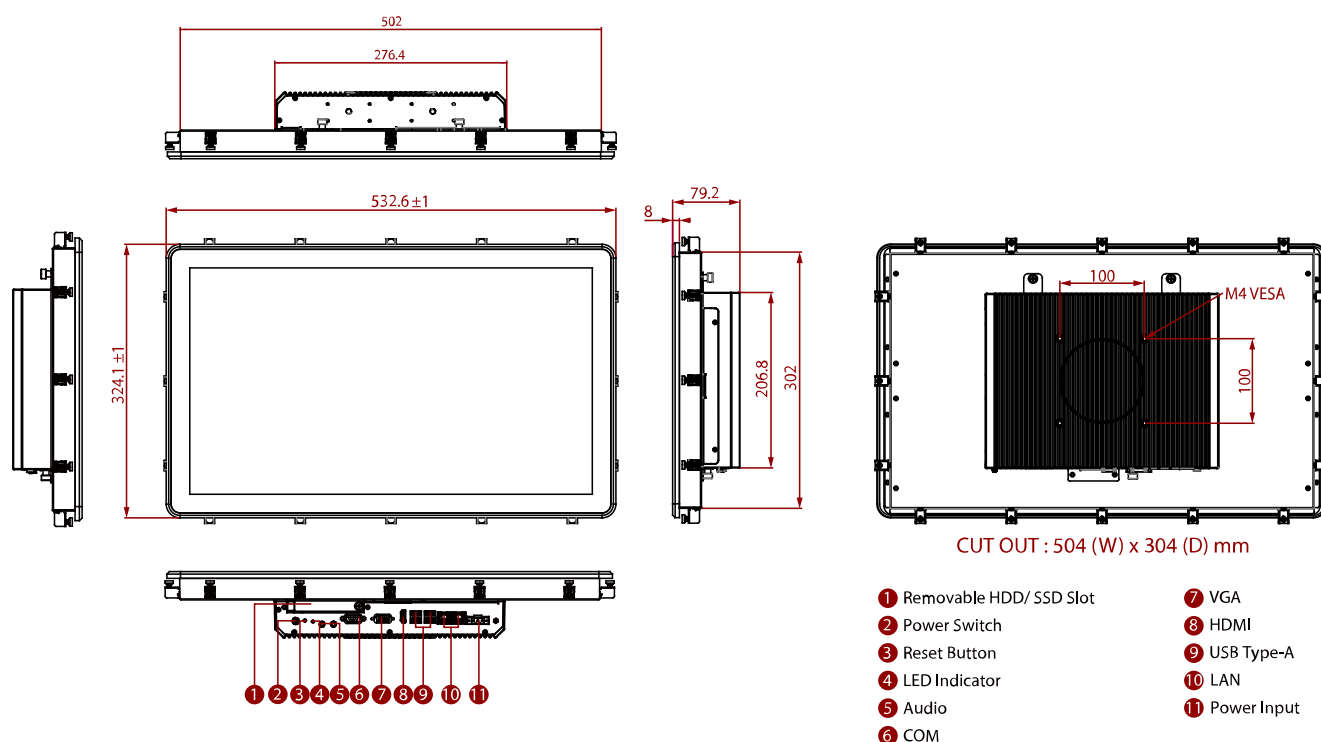


SPECIFICATIONS

Display	
Resolution	1920x1080
Contrast Ratio	3000:1
View Angles	89,89,89,89
Touch / Glass	Projected Capacitive Multi Touch Screen
Size	21.5 inches
Panel Brightness	250 nits
Active Area	476.64x268.11 mm
System Specification	
Processor	Intel® Atom® E3845 (2M Cache, 1.91 GHz)
Storage	1 x mSATA 64GB 1 x 2.5" 64GB SSD up to 512GB (Optional)
Security	TPM 1.2
WLAN	Support (Optional)
Expansion Port	Modular Design for easy service in the field
Memory	2 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)
Ethernet controller	2 x Intel® Ethernet Controller I211-AT
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)
BT	Support (Optional)
Mechanical	
Dimension	532.6 x 324.1 x 79.2 mm
Enclosure	Metal Housing
Cut out	504x304mm
Mounting	Panel mount VESA Mount
Cooling System	Fanless design
Environment	
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-20~60°C
Operating Temperature	0~50°C
IP rating	Front IP65
Certification	
Certification	CE, FCC
IO Ports	
Power Input	1 x 12~24V DC, 3-Pin Terminal Block
Serial Port	1 x RS232/422/485 (Default RS232)
Audio	Line in Line out
USB Port	4 x USB2.0 (Type-A)
Video	1 x HDMI 1.4 (Optional) 1 x VGA (Optional)
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 Mounting clips VESA screws		
Power			
Power Rating	12V~24V DC with protection fuse	Adapter	12V 80W

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.