

# R19IB3S-SPM1-B

## 19" Stainless B Series Panel PC



### KEY FEATURES

- A true flat, easy-to-clean front surface with edge-to-edge design
- Emergency and Flat buttons for automation device control
- Fanless cooling system
- Full IP65 waterproof enclosure, good corrosion resistance
- Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)
- Rotary switch adjust different touch mode for Hand/ Rain/ Glove application
- Supports VESA mount
- SUS 316/ AISI 316 stainless steel for food and chemical industries



### SPECIFICATIONS

Display			
Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	250 nits
View Angles	85,85,80,80	Type	Projected Capacitive Multi Touch Screen
System Specification			
Processor	Intel® Celeron® N2930 (2M Cache, up to 2.16 GHz)	Memory	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB(Optional)
Storage	1 x mSATA SSD 64GB. mSATA SSD up to 512GB.(Optional)	Expansion	1 x mPCIe slot(for half size Wifi module) 1 x mPCIe slot(for SSD)
Ethernet controller	2 x Intel® Ethernet Controller I210-AT	Security	TPM 2.0
Operating System	Windows 7 Embedded Systems(Optional) Windows 10 IoT Enterprise(Optional) Linux Ubuntu 18.04(Optional)	WLAN	802.11 a/b/g/n/ac(Optional)
BT	BT Support(Optional)		
Mechanical			
Dimension	516 x 395 x 69 mm	Mounting	VESA Mount
Enclosure	Stainless Housing	Cooling System	Fanless design
Environment			
Operating Humidity	10% to 90% (non-condensing)	Operating Temperature	0~45°C
Storage Temperature	-20~60°C	IP rating	IP65
Certification			
Certification	CE, FCC		
IO Ports			
USB Port	1 x M12 waterproof connector for 2 x USB2.0 1 x Front waterproof connector for USB2.0 type-A	Serial Port	1 x M12 waterproof connector for RS232
Expansion Port	CN1 and CN2 for front button control	LAN	1 x waterproof Giga LAN RJ45 connector
Indicator	1 x LED Indicator for power 1 x LED Indicator for storage		
Control			
Button	Rear side:		

1 x Power Button  
 1 x Reset Button  
 Front side:  
 1 x Emergency Button & 3 x Flat Button for CN1 &  
 CN2 M12 connector  
 1 x Rotary Switch for touch mode

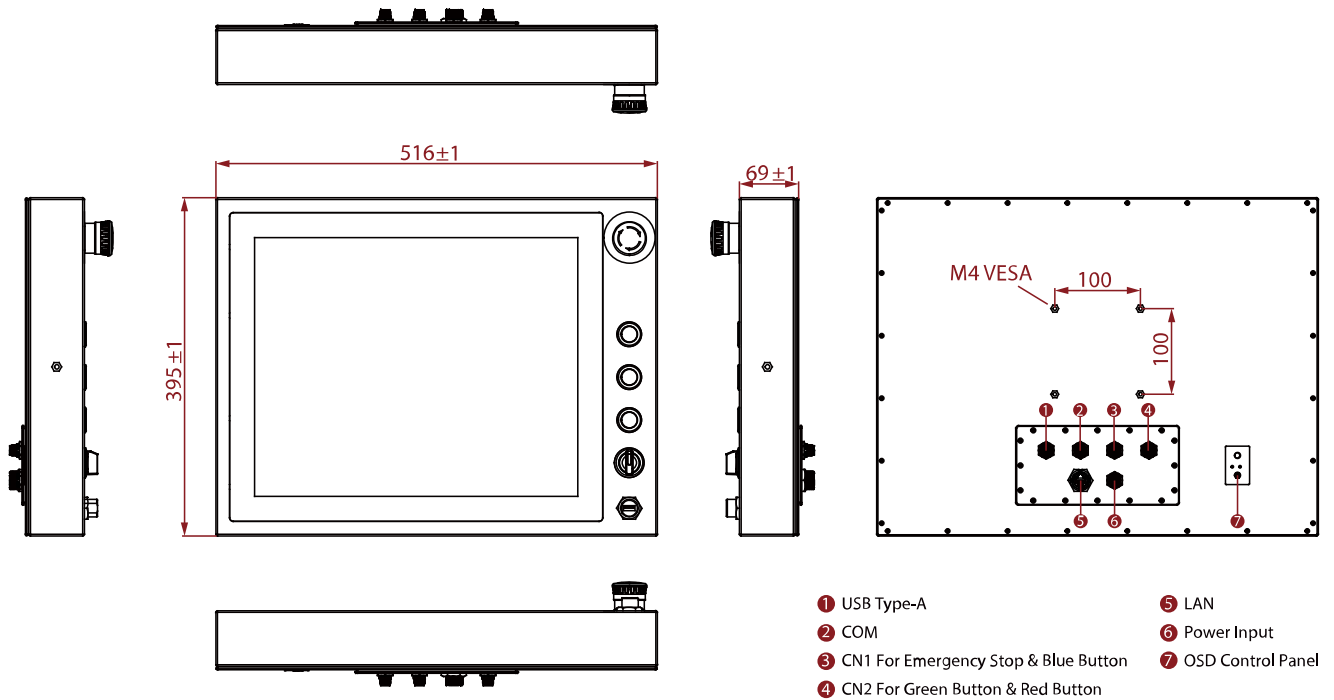
## Accessory

<b>Accessory</b>	100~240V AC to DC Adapter with waterproof connector Power Cord External USB cable with waterproof connector External COM cable with waterproof connector External LAN cable with waterproof connector External cables for CN1 & CN2 with waterproof connector Waterproof caps RJ45 female-female converter Driver CD & Manual VESA screws
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## Power

<b>Power Rating</b>	M12 Type: 12V DC in 9~36V DC(Optional)
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## 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.