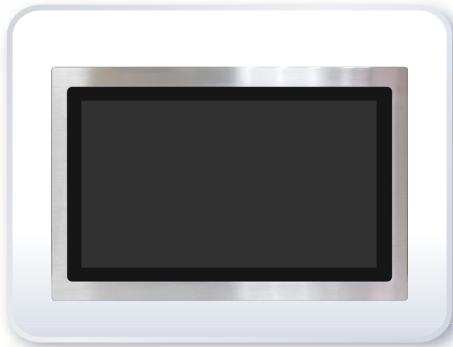


FABS-921BP/R(H)

21.5" Food Safety Grade Hygienic Design Compact Size Panel PC



Features

- 21.5" Food Industrial Panel PC
- 8th Gen. Intel Core i3/i5, CPU built-in
- 1 x 260-pin SO-DIMM DDR4 slot, up to 32GB 2400MHz
- Flat Front Panel Touch Screen with IP66/IP69K Front Bezel
- SUS304 Stainless Steel (option SUS316L)
- DC 9~36V Wide Range Power Input
- Support TPM 2.0 Hardware Security

Specifications

System		
CPU	Onboard 8th Gen Intel Core i3-8145UE Processor (2C/4T,2.2GHz) Intel Core i5-8365UE Processor (4C/8T,1.6GHz)	
System Chipset	SoC	
Memory	1 x 260-pin SO-DIMM up to 32GB DDR4 2400MHz	
TPM	TPM 2.0	
IO Port		
USB	4 x USB 3.0 type A 1 x DB-9 connector, Including:	
Serial / Parallel	* 1 x RS-232(RTS, Rx, Tx, CTS), pin1 RTS/5V/12V selectable via jumper (COM1) * 1 x RS-232(Tx, Rx)/422/485(COM2) by Y Cable	
LAN	2 x GbE LAN RJ-45	
Audio	1 x Line Out	
DP	1 x DP	
Power	1 x 3-pin Terminal Block Connector 1 x 2-pin Power Switch Connector	
Option	VESA Stand 4G LTE/Wi-Fi 4/5/6+/Bluetooth 4 x USB 2.0 type A (TB-528U4) 4 x USB 2.0 type A + 1 x Mini-PCle + 1 x SIM slot (TB-528U4ME1) 2 x COM (RS-232) (TB-528C2) 1 x COM (RS-232) + 2 x USB 2.0 (TB-528C1U2) 1 x COM (RS-232) + 2 x USB 2.0 + 1 x Power Button (TB-528C1U2P1) 2 x COM (RS-232) + 1 x Mini-PCle slot + 1 x SIM slot (TB-528C2ME1) 2 x COM (RS-422/485, isolated) (TB-528C2I) 2 x CAN (TB-528CAN2) 1 x LAN + 2 x USB 2.0 (TB-528E1U2) Backup Battery 21W/10.8V/1.95Ah(3S1P)	
Storage Space		
Storage	1 x M.2 M-Key slot (Support PCIe/SATA3; 2242/2280, Default 2242)	
Expansion		
Onboard Expansion Bus	1 x Mini-PCle slot (full size), 1 x Nano SIM Card Holder	
Dispalay	Standard	High Brightness Optional
Display Type	21.5" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1920 x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	250	1000
View Angle	178(H) / 178(V)	178(H) / 178(V)
Contrast	1000:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs
Touch Screen		
Type	Projected Capacitive Touch (for BP model) Resistive Touch (for BR model)	
Interface	USB	
Light Transmission(%)	Resistive Touch: 80% Proiected Capacitive: 90%	

HMI Controller

All specifications and photos are subject to change without notice.

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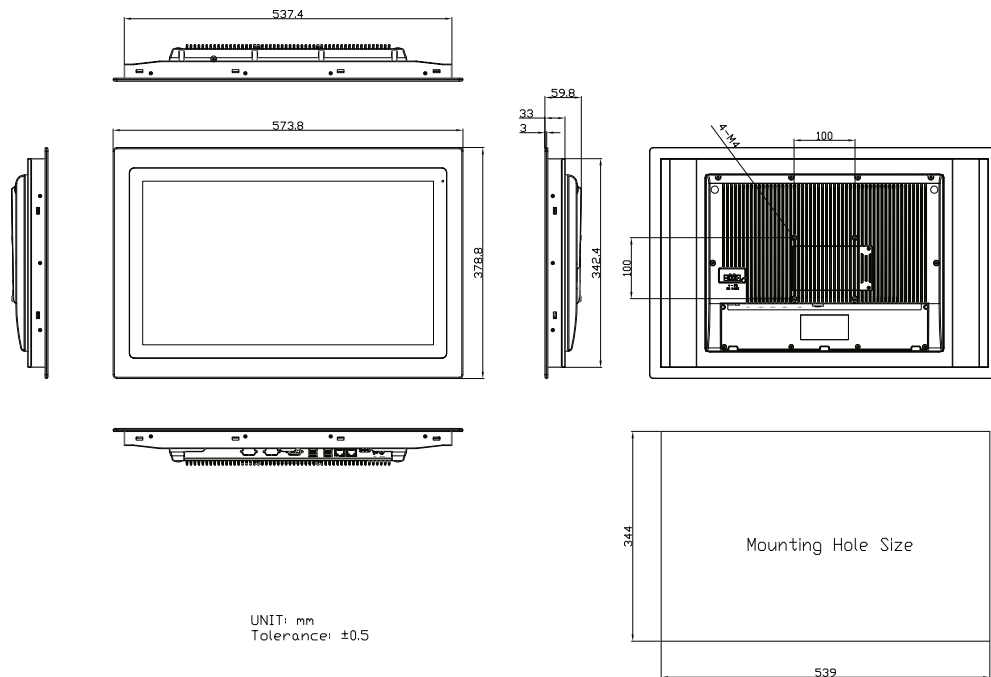
Industrial Panel PC

HMI Controller

Industrial
Display Monitor

Box PC

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	FABS-921BP/R: 74W
Mechanical	
Construction	SUS304 Stainless Steel Front Bezel (default) SUS316L Stainless Steel Front Bezel (for option) Aluminum Die-casting Back Cover
Mounting	Panel Mount, VESA Mount 100 x 100
IP Rating	IP66/IP69K Compliant Front Bezel
Dimensions	573.8 x 378.8 x 59.8 mm
Net Weight	8.2 kg
Environmental	
Operating Temperature	0~50°C
Storage Temperature	-30~70°C
Humidity	10 to 95%@ 40°C, non-condensing
Certificate	CE/FCC Class A / EN 1672-2 Compliant for P Model (optional)
Operating System Support	
Windows 10 IoT, Windows 11 IoT	
Ordering Information	
FABS-921BR	21.5" FHD fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Resistive touch screen, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-921BP	21.5" FHD fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Projected Capacitive touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-921BR(H)	21.5" High brightness FHD fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Resistive touch screen, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-921BP(H)	21.5" High brightness FHD fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Projected Capacitive touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis.

V 1.2

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HMI Controller

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