

Features

- 15.6" 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
Serial / Parallel	1 x DB-9 connector, Including: * 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)

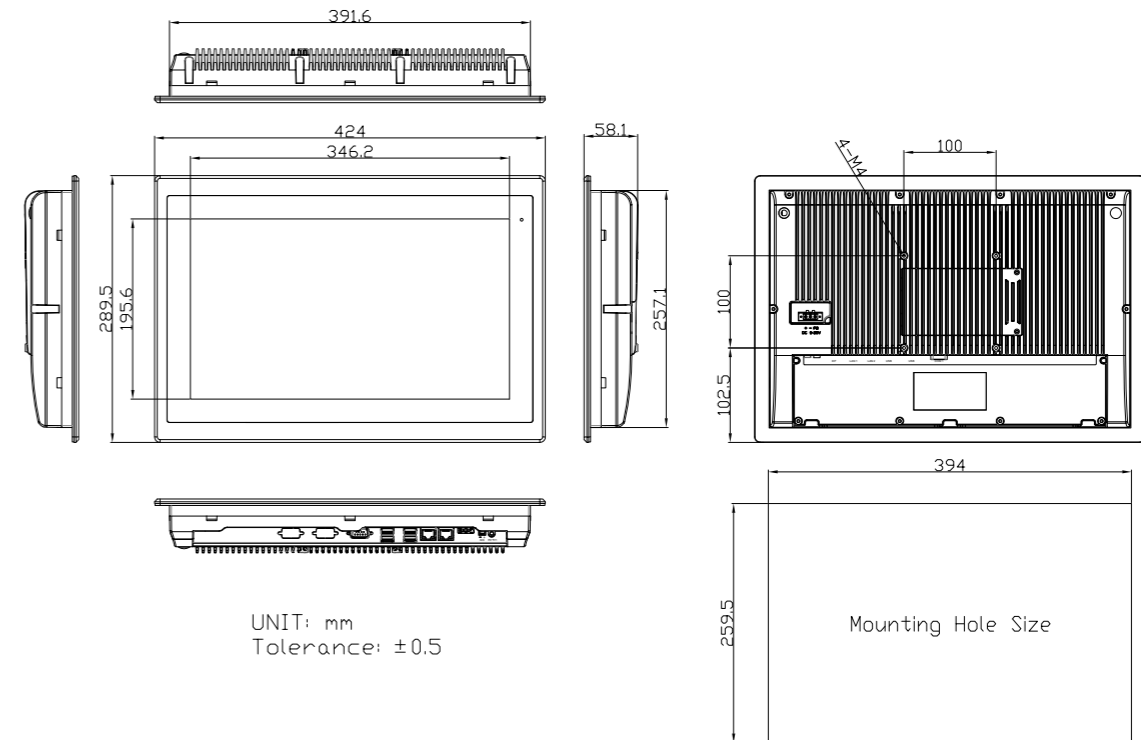
Storage Space	
Storage	1 x M.2 M-Key slot (Support PCIe/SATA3; 2242/2280, Default 2242)

Expansion	
Onboard Expansion Bus	1 x Mini-PCle slot (full size), 1 x Nano SIM Card Holder

Display	Standard		High Brightness Optional	
	15.6" TFT-LCD		15.6" TFT-LCD	
Display Type	default	optional	default	optional
Max. Resolution	1366 x 768	1920 x 1080	1366 x 768	1920 x 1080
Max. Color	16.7M	16.7M	16.7M	16.7M
Luminance (cd/m ²)	400	500	1000	1000
View Angle	170(H)/160(V)	178(H)/178(V)	160(H)/160(V)	170(H)/170(V)
Contrast	500:1	1000:1	500:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs	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%, Projected Capacitive: 90%

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	FABS-916BP/R: 60W
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	424 x 289.5 x 58.1 mm
Net Weight	5.3 kg
Environmental	
Operating Temperature	0~50°C / -20~60°C (option)
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-916BR	15.6" HD/FHD fanless HMI barebone with Intel Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Resistive touch screen, 9~36VDC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-916BP	15.6" HD/FHD fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Projected Capacitive touch, 9~36VDC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-916BR(H)	15.6" High brightness HD/FHD fanless HMI barebone with Intel Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Resistive touch screen, 9~36VDC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-916BP(H)	15.6" High brightness HD/FHD fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Projected Capacitive touch, 9~36VDC input with adapter, Stainless front bezel and Aluminum chassis.