

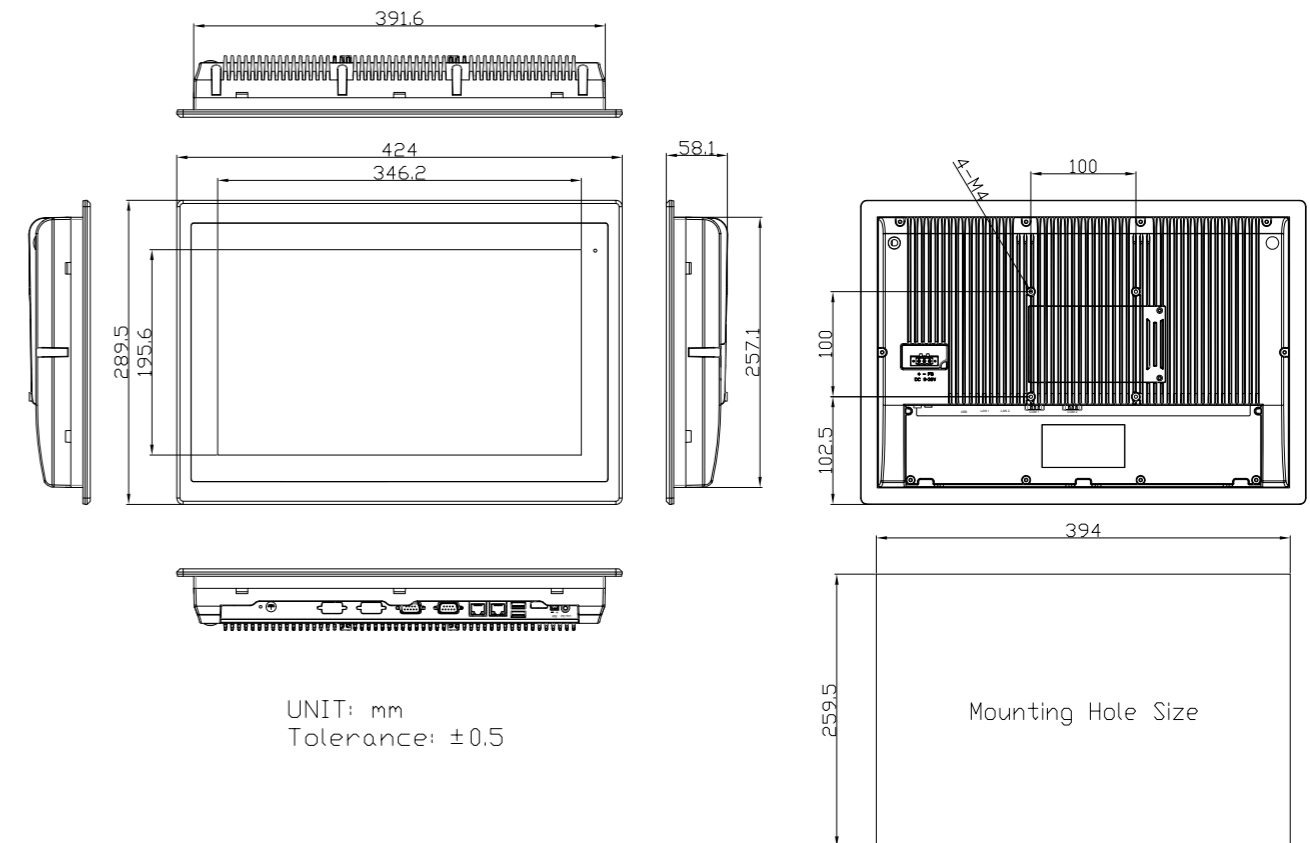
Features

- 15.6" Food Industrial Panel PC
- 6th/7th Gen. Intel Core i3/i5/i7 Processors
- DDR4 SO-DIMM Socket
- Flat and stainless steel front panel design
- Fanless design
- Wide range DC 9~36V power input

Specifications

System		
CPU	6th/7th Gen. Intel Core i3/i5/i7 Processors	
System Chipset	SoC	
Memory	1 x 260 pin SO-DIMM DDR4 up to 16GB 2133MHz	
IO Port		
USB	2 x USB 3.0 type A	
Serial / Parallel	1 x RS-232/422/485 DB-9, default RS-232(COM1) 1 x RS-232 DB-9(COM2)	
LAN	2 x GbE LAN RJ-45	
Audio	1 x Line Out	
Power	1 x 3-pin DC Power input terminal 1 x 2-pin connector for power on/off button	
Option	VESA Stand 4G LTE/Wi-Fi/BT 4 x USB 2.0 (TB-528U4) 4 x USB 2.0 + 1 x Mini PCIe + 1 SIM slot (TB-528U4ME1) 1 x COM + 2 x USB 2.0 (TB-528C1U2) 1 x COM + 2 x USB 2.0 + 1 x Mini PCIe + 1 x Power Button (TB-528C1U2P1) 2 x COM(RS-232) (TB-528C2) 2 x COM(RS-232) + 1 x Mini PCIe slot + 1 x SIM slot (TB-528C2ME1) 2 x COM(RS-232/485, isolated) (TB-528C2I) 2 x CAN (TB-528CAN2) 1 x LAN + 2 x USB 2.0 (TB-528E1U2) 1 x LAN + 2 x USB 2.0, 45W PoE (TB-528E1U2UPOE)* UPS Battery 21W/10.8Wh/1.95Ah(3S1P) System is only allowed to build in either TB-528 PoE series or UPS battery	
Storage Space		
HDD/SSD	1 x 2.5" SATA HDD space (Easily Accessible)	
Expansion		
Expansion Slot	1 x Internal Mini-PCIe slot full size	
Display		
	Standard	High Brightness Optional
Display Type	15.6" TFT-LCD	15.6" TFT-LCD
Max. Resolution	1366 x 768 1920 x 1080	1366 x 768 1920 x 1080
Max. Color	16.7M	16.7M 16.2M
Luminance (cd/m ²)	300 / 450	1000
View Angle	160(H) /160(V) 178(H) /178(V)	160(H) /160(V) 170(H) /170(V)
Contrast	500:1 / 800:1	500:1 / 800:1
Backlight Lifetime	50,000 hrs	50,000 hrs
Touch Screen		
Type	Projected Capacitive Touch (for AP model) Resistive Touch (for AR model) Glass (for AG model)	
Interface	USB	
Light Transmission(%)	Resistive Touch: 80% Projected Capacitive: 90%	

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	FABS-916AP: 46W (MAX)
Mechanical	
Construction	304 Stainless steel front bezel (Default) 316 Stainless steel front bezel (Optional) 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	5.4 kg
Environmental	
Operating Temperature	0~50°C
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non-condensing
Certificate	AR/AP/AG/ARH/APH/AGH Model: CE/FCC Class A AP/AG Model is compliance with EN 1672-2 (option)
Operating System Support	
Windows 10 IoT	
Ordering Information	
FABS-916AR/P (Barebone)	15.6" WXGA fanless HMI barebone with Intel 6th Corei3-6100U CPU, DDR4 SO-DIMM Socket, Resistive / Projected Capacitive touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis.
FABS-916AG (Barebone)	15.6" WXGA fanless HMI barebone with Intel 6th Corei3-6100U CPU, DDR4 SO-DIMM Socket, Glass, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis.

*PoE limitation: CPU turbo off, rear I/O no loading, 70% LED backlight, PSE cable length < 50m

