



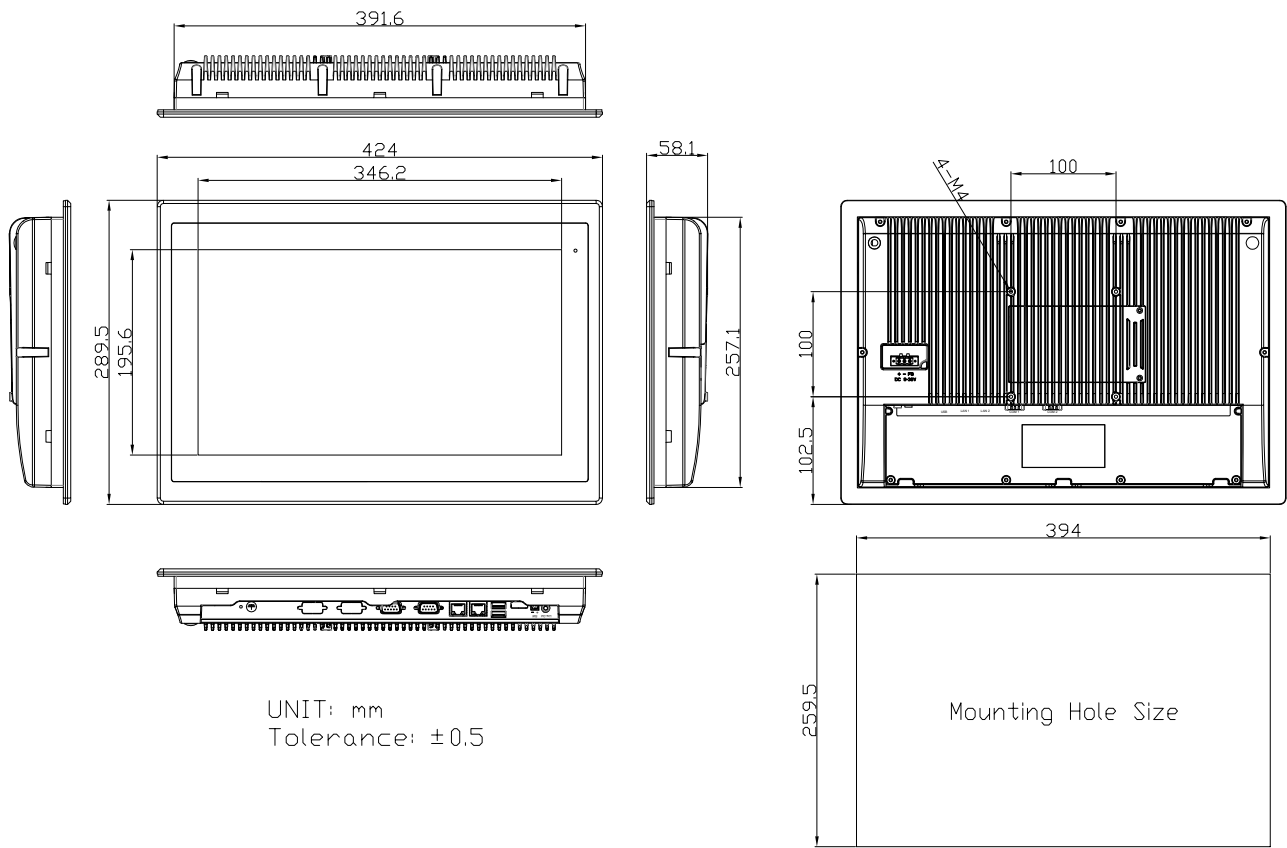
Features

- 15.6" Food Industrial Panel PC
- 6th Gen. Intel Core i3/i5 Processors
- DDR4 SO-DIMM Socket
- Flat and Stainless Steel Front Panel Design
- Fanless Design
- Wide Range DC 9~36V Power Input

Specifications

System				
CPU	Onboard 6th Gen Intel Core i3-6100U Processor(3M Cache, 2.30 GHz) / Intel Core i5-6300U Processor(3M Cache, 2.30 GHz)			
System Chipset	SoC			
Memory	1 x DDR4 SO-DIMM Socket			
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 Terminal Block Connector 1 x 2-pin Power Switch Connector			
Option	VESA Stand 4G LTE/WiFi/ BT 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 type A (TB-528E1U2) 1 x LAN(45W isolated PoE PD) + 2 x USB 2.0 type A (TB528E1U2UPOE)* Backup Battery 21W/10.8V/1.95Ah(3S1P) System is only allowed to build in either I/O board TB-528 series or backup battery			
Storage Space				
HDD/SSD	1 x 2.5" SATA HDD space (Easily Accessible)			
Expansion				
Expansion Slot	1 x Mini-PCle (full size)			
Dispalay	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	16.2M	16.7M	16.2M
Luminance (cd/m ²)	400	450	1000	1000
View Angle	170(H)/160(V)	170(H)/170(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	50,000 hrs	50,000 hrs
Touch Screen				
Type	Projected Capacitive Touch (for AP model) Resistive Touch (for AR model)			
Interface	USB			
Light Transmission(%)	Resistive Touch: 80% Projected Capacitive: 90%			

Dimensions



Power	
Power Input	DC 9~36V
Power Consumption	FABS-916AP: 52W (MAX)
Mechanical	
Construction	304 Stainless Steel Front Bezel (default) 316 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	5.4 kg
Environmental	
Operating Temperature	0~50°C/ -20~60°C (option)
Storage Temperature	-30~70°C
Humidity	10 to 90%@ 40°C, non-condensing
Certificate	CE/FCC Class A EN 1672-2 Compliant for P Model (optional)
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

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