

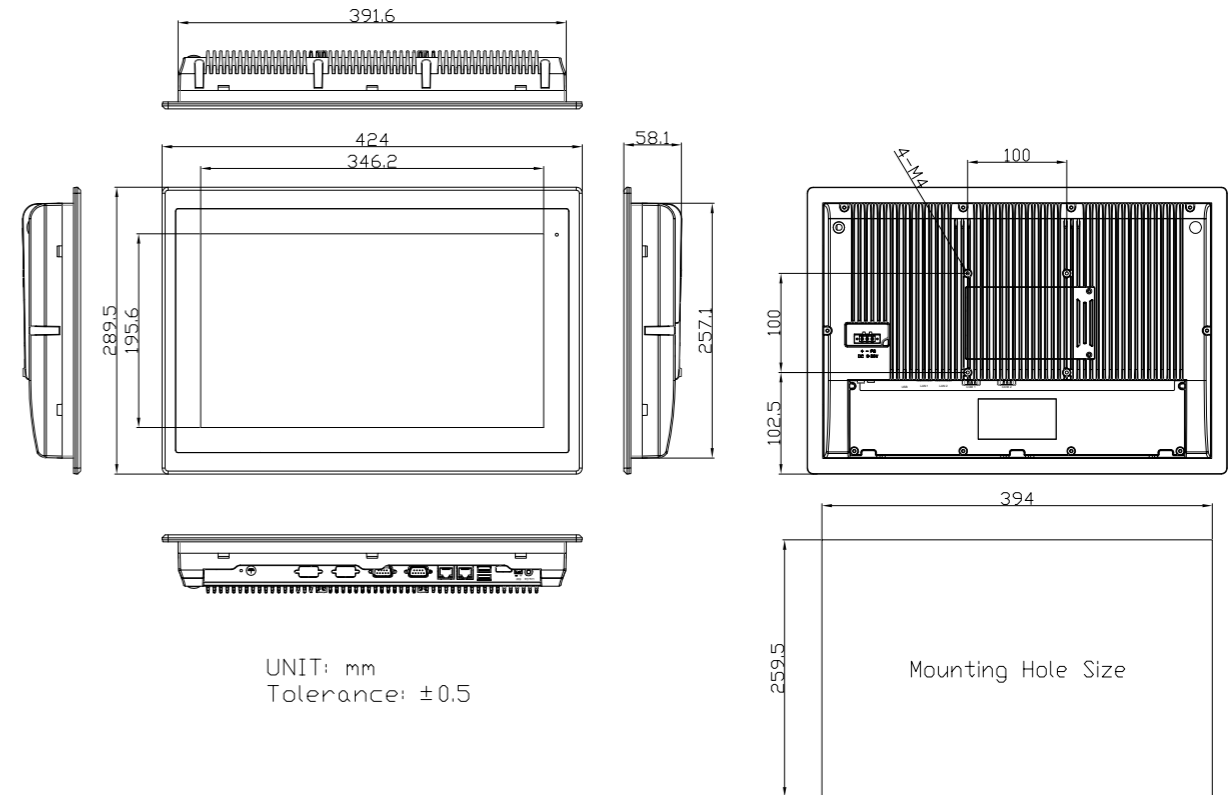
Features

- 15.6" Food Industrial Panel PC
- Intel Celeron N2930 Processor
- Onboard 4GB DDR3L 1333MHz
- Flat and Stainless Steel Front Panel Design
- Fanless Design
- Wide Range DC 9~36V Power Input

Specifications

System				
CPU	Onboard Intel Celeron N2930 Processor (2M Cache, 1.83GHz)			
System Chipset	SoC			
Memory	Onboard 4GB DDR3L SDRAM			
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 TB-528 PoE series or backup battery			
Storage Space				
HDD	1 x 2.5" SATA HDD space (Easily Accessible)			
Movable Device	1 x Internal Micro SD slot onboard			
Expansion				
On board expansion bus	1 x Mini-PCle (full size) 1 x Micro SIM slot			
Display				
Display Type	Standard	High Brightness Optional		
	15.6" TFT-LCD	15.6" TFT-LCD		
	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 <sup>2</sup> )	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 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-816P: 38W (MAX)
Mechanical	
Construction	304 Stainless Steel Front Bezel (default) 316L 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	5.2 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 for P Model
Operating System Support	
Windows 10 IoT	
Ordering Information	
FABS-816P/R (Barebone)	15.6" WXGA fanless HMI barebone with Celeron N2930(1.83.GHz ) CPU, 4GB DDR3L RAM, Projected Capacitive/Resistive, 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