

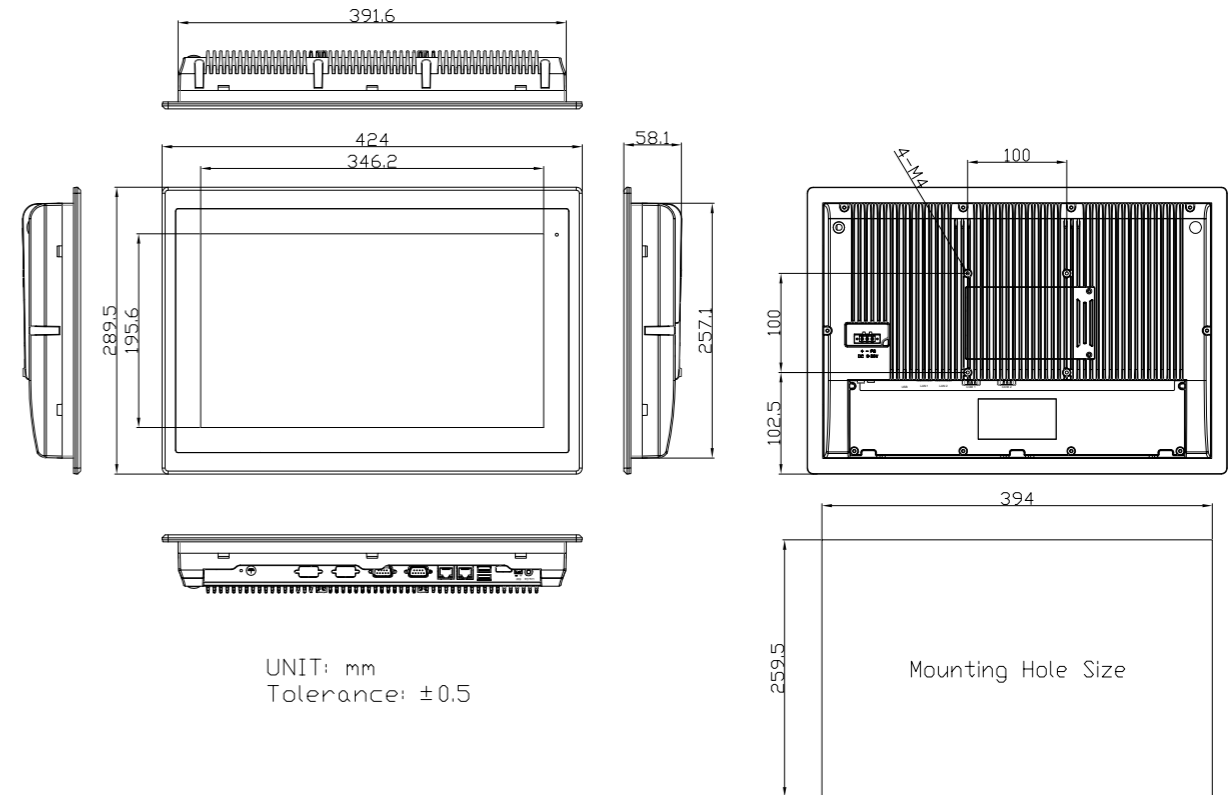
Features

- 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		
	Standard	High Brightness Optional
Display Type	15.6" TFT-LCD	15.6" TFT-LCD
Max. Resolution	1366 x 768	1920 x 1080
Max. Color	16.7M	16.2M
Luminance (cd/m ²)	400	450
View Angle	170(H)/160(V)	170(H)/170(V)
Contrast	500:1	800:1
Backlight Lifetime	50,000 hrs	50,000 hrs
	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) 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	5.2 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