

Features

- 19" 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 |

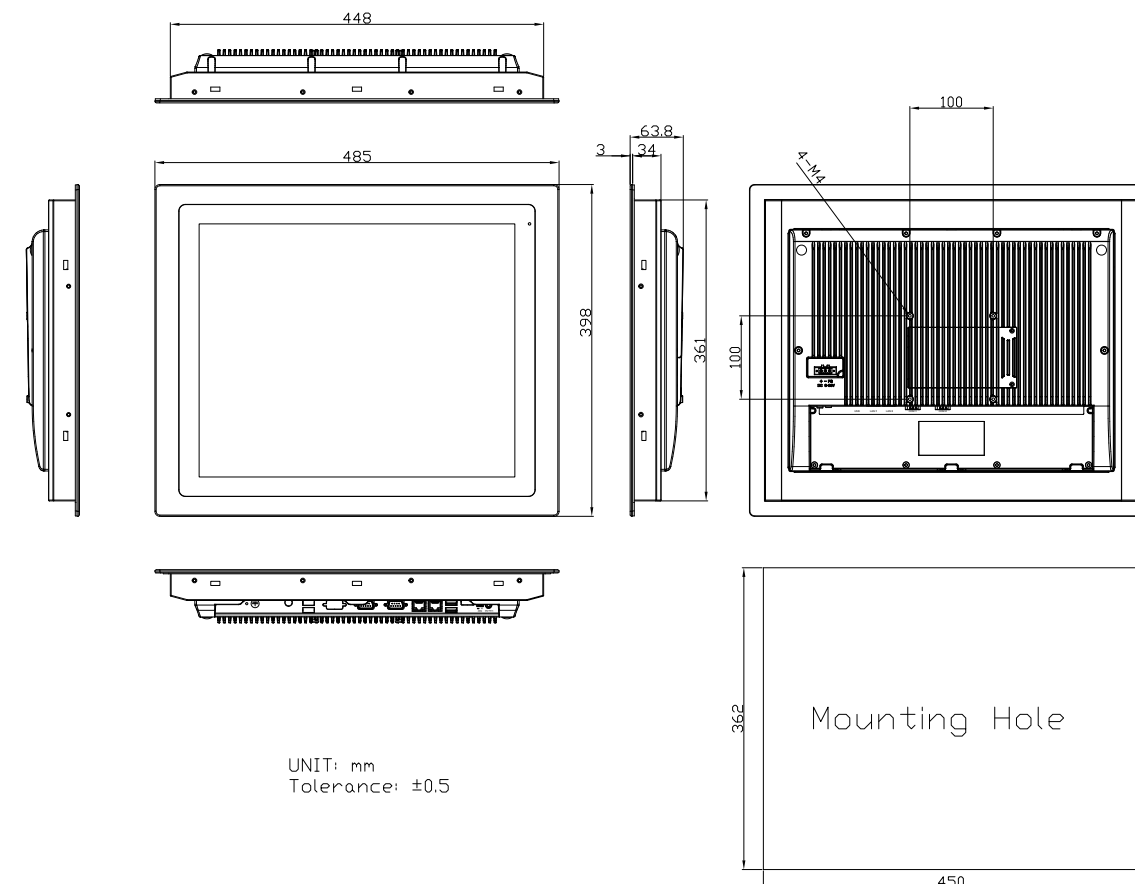
| Storage Space | |
|----------------|---|
| HDD | 1 x 2.5" SATA HDD space (Easily Accessible) |
| Movable Device | 1 x Internal Micro SD slot onboard |

| Expansion | |
|------------------------|---|
| On board expansion bus | 1 x Mini-PCle (full size) 1 x Micro SIM slot |

| Display | Standard | High Brightness Optional |
|--------------------------------|-----------------|--------------------------|
| Display Type | 19" TFT-LCD | 19" TFT-LCD |
| Max. Resolution | 1280 x 1024 | 1280 x 1024 |
| Max. Color | 16.7M | 16.7M |
| Luminance (cd/m ²) | 350 | 1000 |
| View Angle | 170(H) / 160(V) | 170(H) / 160(V) |
| Contrast | 1000:1 | 1000:1 |
| Backlight Lifetime | 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-819P: 44W (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 | 485 x 398 x 63.8 mm |
| Net Weight | 7.7 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-819P/R (Barebone) | 19" SXGA fanless HMI barebone with Intel Celeron N2930(1.83.GHz) CPU, 4GB DDR3L RAM, Projected Capacitive touch/ Resistive Touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis |