

Features

- 21.5" Food Industrial Panel PC
- Flat front panel touch screen
- Fanless design
- Intel Celeron N2930 Processor
- Onboard 4GB DDR 3L 1600 MHz
- 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 DC Power input terminal 1 x 2-pin connector for power on/off button |

| Storage Space | |
|---------------|---|
| HDD/SSD | 1 x 2.5" SATA HDD space (Easily Accessible) |
| Others | 1 x internal SD slot onboard |

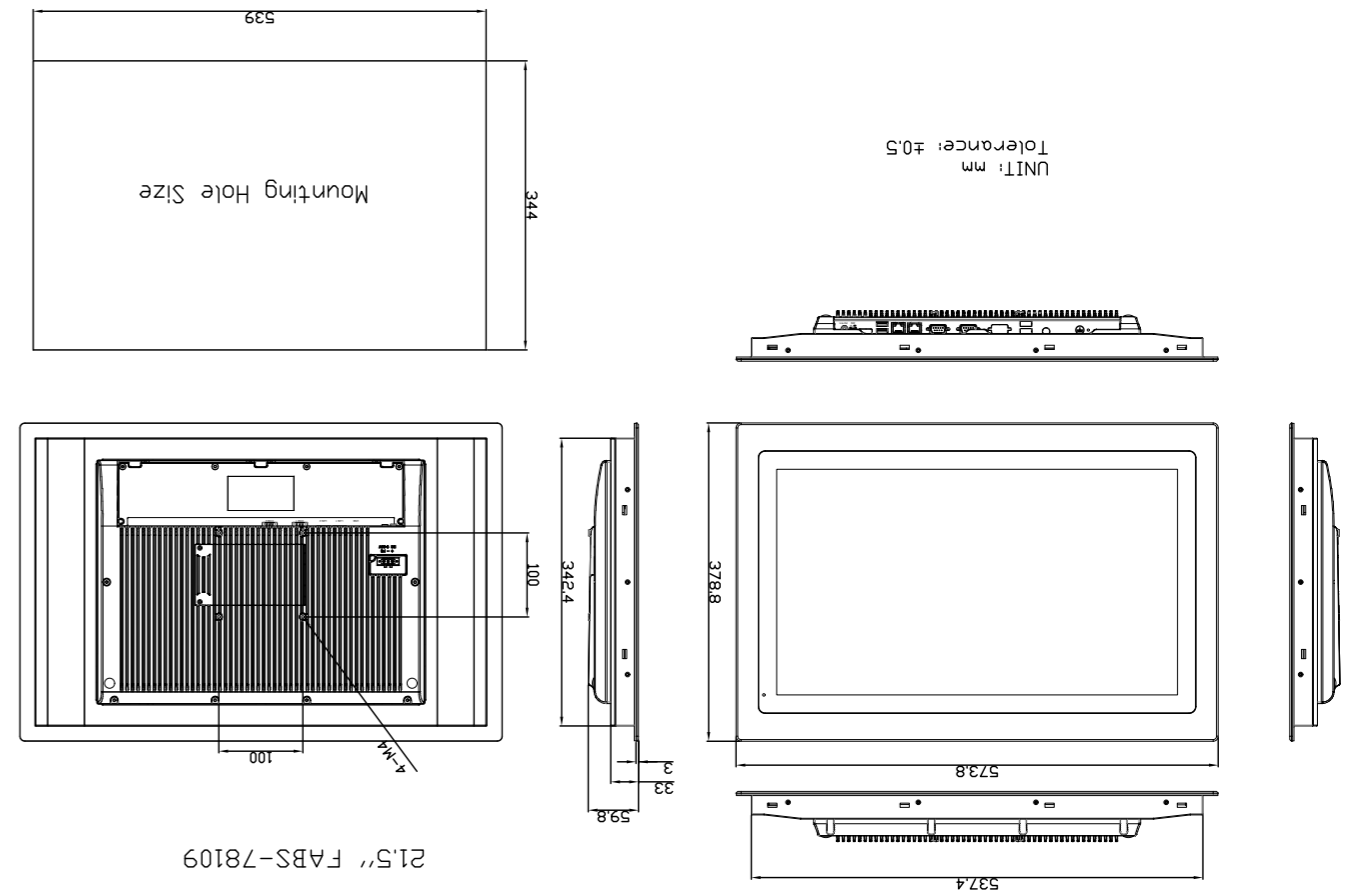
| Expansion | |
|----------------|--|
| Expansion Slot | 1 x Internal Mini-PCIe slot full size on board |

| Display | Standard | High Brightness Optional |
|--------------------------------|----------------|--------------------------|
| Display Type | 21.5" TFT-LCD | 21.5" TFT-LCD |
| Max. Resolution | 1920 x 1080 | 1920 x 1080 |
| Max. Color | 16.7M | 16.7M |
| Luminance (cd/m ²) | 250 | 1000 |
| View Angle | 178(H) /178(V) | 178(H) /178(V) |
| Contrast | 3000:1 | 3000:1 |
| Backlight Lifetime | 30,000 hrs | 50,000 hrs |

| Touch Screen | |
|-----------------------|---|
| Type | Projected Capacitive Touch (For P model) Glass (For G model) |
| Interface | USB |
| Light Transmission(%) | Over 90% |

| Power | |
|-------------------|----------------|
| Power Input | DC 9~36V |
| Power Consumption | FABS-821P: 40W |

Dimensions



21.5" FABS-78109

| Mechanical | |
|--------------|--|
| Construction | 304 Stainless steel front bezel (Default) 316 Stainless steel front bezel (Optional) Aluminum back cover |
| Mounting | Panel mount, VESA mount 100 x 100 |
| IP Rating | Front Panel IP66/IP69K |
| Dimensions | 573.8 x 378.8 x 59.8 mm |
| Net Weight | 7.8 kg |

| Environmental | |
|-----------------------|--|
| Operating Temperature | 0~50°C 0~40°C (For High Brightness Model) |
| Storage Temperature | -30~70°C |
| Storage Humidity | 10 to 90% @ 40°C, non- condensing |
| Certificate | CE / FCC Class A/EN 1672-2 |

| Operating System Support | |
|--|--|
| WEC 7, Windows Embedded 7, Windows Embedded 8.1, Windows 10 IoT ENT LTSB | |

| Ordering Information | |
|----------------------|---|
| FABS-821P (Barebone) | 21.5" FHD fanless HMI barebone with Celeron N2930(1.83.GHz) CPU, 4GB DDR3L RAM, Projected Capacitive touch,, 9~36VDC input with adapter, Stainless front bezel and Aluminum chassis. |
| FABS-821G (Barebone) | 21" FHD fanless HMI barebone with Celeron N2930 (1.83.GHz) CPU, 4GB DDR3L RAM, Protection Glass, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis. |