

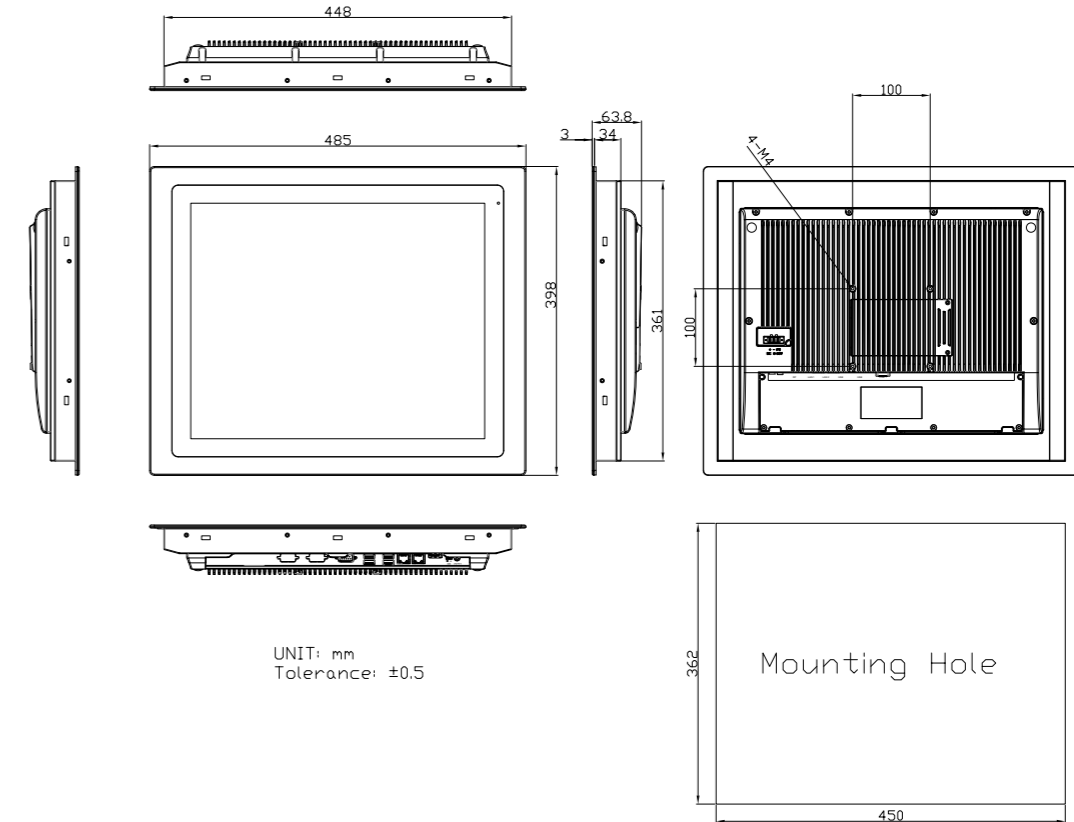
Features

- 19" Food Industrial Panel PC
- 8th Gen. Intel Core i3/i5, CPU built-in
- 1 x 260-pin SO-DIMM DDR4 slot, up to 32GB 2400MHz
- Flat Front Panel Touch Screen with IP66/IP69K Front Bezel
- SUS304 Stainless Steel (option SUS316L)
- DC 9~36V Wide Range Power Input
- Support TPM 2.0 Hardware Security

Specifications

| System | | |
|--------------------------------|--|--------------------------|
| CPU | Onboard 8th Gen Intel Core i3-8145UE Processor (2C/4T,2.2GHz) Intel Core i5-8365UE Processor (4C/8T,1.6GHz) | |
| System Chipset | SoC | |
| Memory | 1 x 260-pin SO-DIMM up to 32GB DDR4 2400MHz | |
| TPM | TPM 2.0 | |
| IO Port | | |
| USB | 4 x USB 3.0 type A 1 x DB-9 connector, Including: * 1 x RS-232(RTS, Rx, Tx, CTS), pin1 RTS/5V/12V selectable via jumper (COM1) * 1 x RS-232(Tx, Rx)/422/485(COM2) by Y Cable | |
| Serial / Parallel | | |
| LAN | 2 x GbE LAN RJ-45 | |
| Audio | 1 x Line Out | |
| DP | 1 x DP | |
| Power | 1 x 3-pin Terminal Block Connector 1 x 2-pin Power Switch Connector | |
| Option | VESA Stand 4G LTE/Wi-Fi 4/5/6+/Bluetooth 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 (TB-528E1U2) Backup Battery 21W/10.8V/1.95Ah(3S1P) | |
| Storage Space | | |
| Storage | 1 x M.2 M-Key slot (Support PCIe/SATA3; 2242/2280, Default 2242) | |
| Expansion | | |
| Onboard Expansion Bus | 1 x Mini-PCle slot (full size), 1 x Nano SIM Card Holder | |
| 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 BP model) Resistive Touch (for BR model) | |
| Interface | USB | |
| Light Transmission(%) | Resistive Touch: 80% Projected Capacitive: 90% | |

Dimensions



| Power | |
|--------------------------|---|
| Power Input | DC 9~36V |
| Power Consumption | TBD |
| Mechanical | |
| Construction | SUS304 Stainless Steel Front Bezel (default) SUS316L 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 | TBD |
| Environmental | |
| Operating Temperature | 0~50°C / -20~60°C (option) |
| Storage Temperature | -30~70°C |
| Humidity | 10 to 95%@ 40°C, non-condensing |
| Certificate | CE/FCC Class A / EN 1672-2 Compliant for P Model (optional) |
| Operating System Support | |
| Windows | Windows 10 IoT, Windows 11 IoT |
| Ordering Information | |
| FABS-919BR | 19" SXGA fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Resistive touch screen, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis. |
| FABS-919BP | 19" SXGA fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Projected Capacitive touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis. |
| FABS-919BR(H) | 19" High brightness SXGA fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Resistive touch screen, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis. |
| FABS-919BP(H) | 19" High brightness SXGA fanless HMI barebone with Intel 8th Gen. Core i3-8145UE/i5-8365UE, 1 x DDR4 slot, Projected Capacitive touch, 9~36V DC input with adapter, Stainless front bezel and Aluminum chassis. |