



DATA SOUND - LABORATORIES -

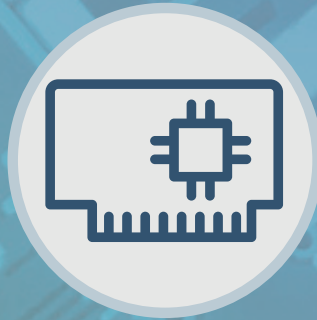
EMBEDDING THE FUTURE



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Panel PC / HMI



Single Board Computer



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Features

- 17" TFT LCD Panel PC
- Intel Celeron N2930 Processor
- Modular Concept and Fanless Design
- Support PCT/RTW/AR Glass
- Front Bezel IP66
- Option WiFi/BT/Speaker
- Support 2 x Expansion slot
- DC 9~36V Power input, option AC power input

Specifications

| System | |
|----------------|--|
| CPU | Intel Celeron N2930 processor |
| System Chipset | SoC |
| Memory | 2 x 204-pin DDR3L SO-DIMM slot up to 8GB |

| IO Port | |
|--------------------|--|
| Rear side I/O port | 4 x USB 3.0 type A 2 x RJ45 GbE LAN 1 x DB9 RS-232/422/485 default RS-232 1 x DB9 RS-232 1 x DB9 RS-422/485 default RS-485 1 x DB15 VGA 1 x HDMI with Cover 1 x Line-out/Mic-in 1 x 2 pin Terminal block for external power switch 2 x LED indication for HDD/System 1 x System LED indication at front 1 x 3 pin TB Power connector 1 x Power Switch on/off |
| Option I/O | 4 x USB 2.0 Type A via TB-546 2 x DB9 COM port 1 x 8-bit GPIO (3 in/out/VCC/GND) |

| Storage Space | |
|---------------|--|
| HDD | 1 x 2.5" SATA HDD Space (Easy Accessible Storage Design) |

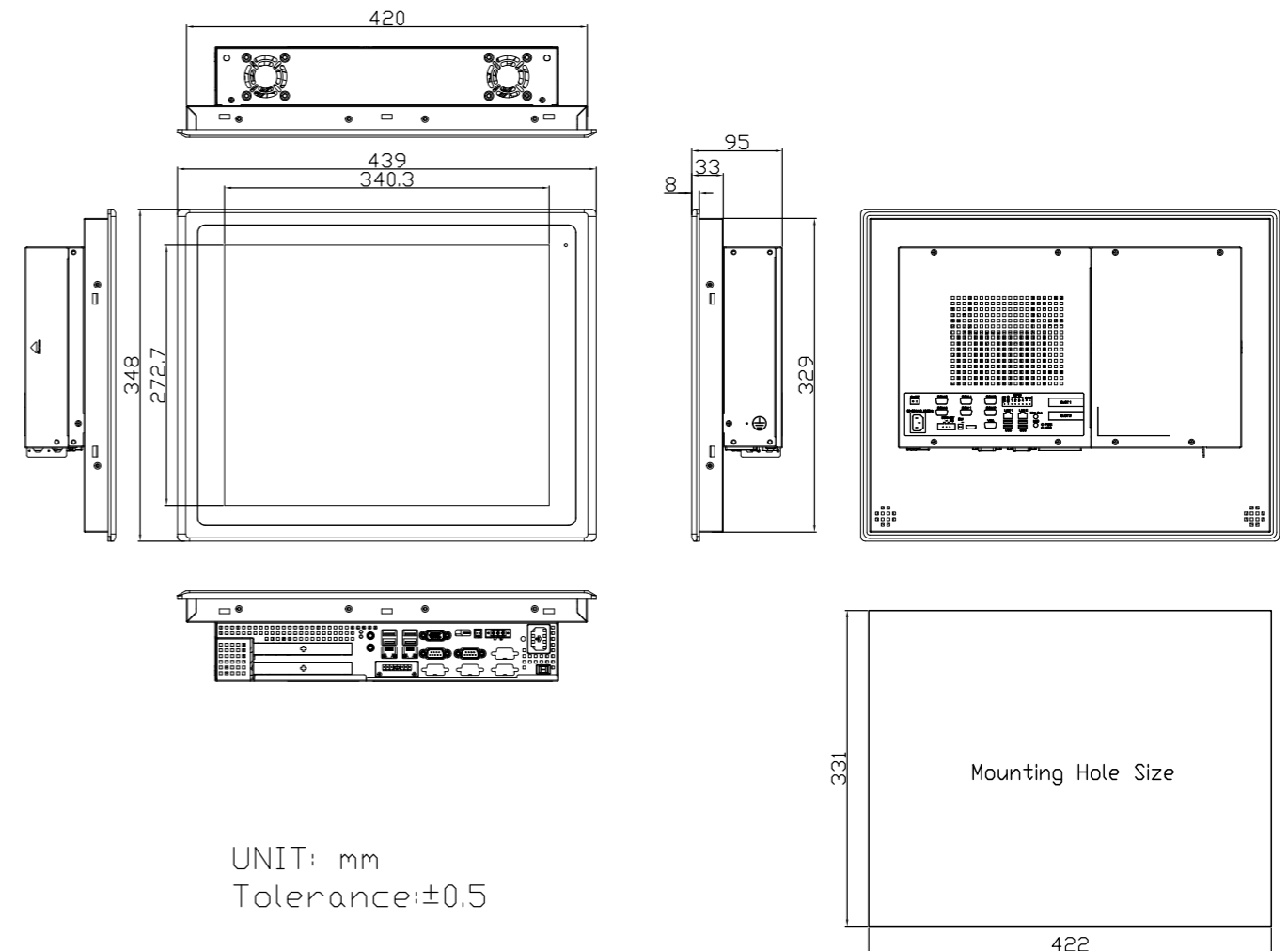
| Expansion | |
|----------------|---|
| Expansion Slot | 1 x Full-size Mini PCIe on board (PCIe/USB/SATA, SATA by default) 1 x Half-size Mini PCIe on board (PCIe/USB, PCIe by default) 1 x SIM slot for option (Option wifi/BT/4G and antenna at rear side) 1 x PCI and 1 x PCIe x1 slot via TB-560P1E11 (default) |

| Display | Standard | High Brightness Optional |
|--------------------------------|-----------------|--------------------------|
| Display Type | 17" TFT-LCD | 17" 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) / 170(V) | 170(H) / 160(V) |
| Contrast | 1000:1 | 1000:1 |
| Backlight Lifetime | 50,000 hrs | 50,000 hrs |
| Option | Auto Dimming | Auto Dimming |

| Touch Screen | Resistive Touch | Projected Capacitive Touch |
|-----------------------|-----------------|----------------------------|
| Interface | USB | USB |
| Light Transmission(%) | Over 80% | Over 90% |

| Power | |
|-------------|---|
| Power Input | DC 9~36V Power input, option AC power input |

Dimensions



| Mechanical | |
|--------------|----------------------------------|
| Construction | Aluminum die-casting front bezel |
| Mounting | Panel Mount |
| IP Rating | Front Panel IP66 |
| Dimensions | 439 x 348 x 95 mm |
| Net Weight | 7 kg |

| Environmental | |
|-----------------------|----------------------------------|
| Operating Temperature | 0~50°C |
| Storage Temperature | -30~70°C |
| Storage Humidity | 10 to 95% @ 40°C, non-condensing |
| Certificate | CE / FCC Class A |

| Operating System Support | |
|--------------------------|--|
| Windows embedded 7 | |
| Windows embedded 8.1 | |
| Windows 10 IoT | |

| Ordering Information | |
|----------------------|---|
| VIPAC-817R | 17" SXGA Intel Celeron N2930 (1.83.GHz) CPU, Fanless panel PC, 2 x 204pin DDR3L SO-DIMM slot, 1 x 2.5" HDD/SSD space, 2 x PCIe x1 slot, resistive touch window, 9~36VDC power input with adaptor, Alu.die-casting front bezel. |
| VIPAC-817P | 17" SXGA Intel Celeron N2930 (1.83.GHz) CPU, Fanless panel PC, 2 x 204pin DDR3L SO-DIMM slot, 1 x 2.5" HDD/SSD space, 2 x PCIe x1 slot, projected capacitive touch, 9~36VDC power input with adaptor, Alu.die-casting front bezel. |