



DATA SOUND - LABORATORIES -

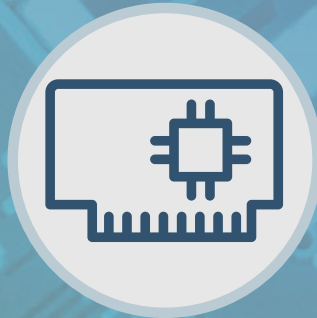
EMBEDDING THE FUTURE



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Panel PC / HMI



Single Board Computer



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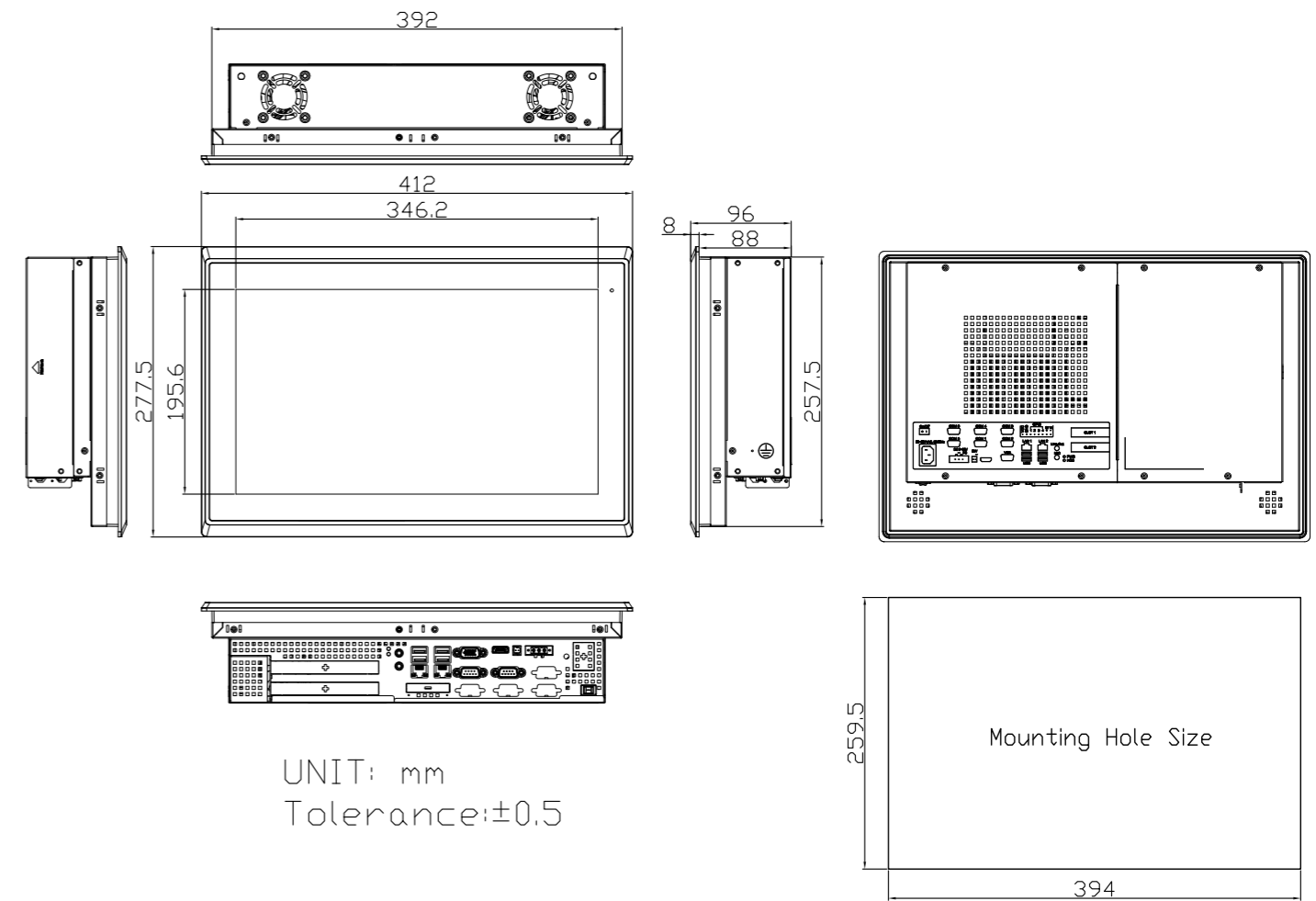
Features

- 15.6" 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	15.6" TFT-LCD	15.6" TFT-LCD
Max. Resolution	1366 x 768 1920 x 1080	1366 x 768
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	300(typ) / 240(Min)	1000
View Angle	160(H) / 160(V)	160(H) / 160(V)
Contrast	500:1	500:1
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	412 x 277.5 x 96 mm
Net Weight	6.5 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-816R	15.6" WXGA 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-816P	15.6" WXGA 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.