

Panel PC Series

Pc ATEX Panel

Industrial Components



Elevation

15" Industrial Touch Panel PC INTEL Celeron N2930 1.83GHZ with 4 cores.

15" capacitive touch screen monitor and fanless computer in aluminium chassis, with fanless passive cooling system.

Certifications: CE / FCC Class A, ATEX Zone2 Ex nA ic IIC T4 Gc, Class I, Division2, Group ABCD T4, ANSI/ISA 12.12.01-2013, CSA Std. C22.2 No213-1987



Inside

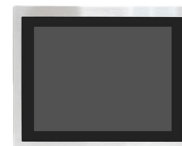
TECHNICAL SPECIFICATIONS

Light Transmission(%): 90%.
Power Input: DC 9~36V.
Power Consumption: 27W.
Construction: 316 stainless steel chassis.
Mounting: VESA mount 100 x 100, Panel mount (option).
IP Rating Total: IP66.
Dimensions: 399 x 324 x 70 mm.
Net Weight: 9.7 kg.
Operating Temperature: -20~60°C.
Storage Temperature: -30~70°C.
Storage Humidity: 10 to 90% @ 40°C, non-condensing.
Safety: CSA C22.2 No.61010.
Certificate: CE / FCC Class A, ATEX Zone2 Ex nA ic IIC T4 Gc, Class I, Division2, Group ABCD T4, ANSI/ISA 12.12.01-2013, CSA Std. C22.2 No213-1987.

OTHER TECHNICAL DATA

CPU: Intel Celeron Processor N2930.
System Chipset: SoC.
Memory: 4GB DDR3L on board, 8GB for Option.
USB: 1 x M12 8-pin for 2 x USB 2.0 with waterproof cover and chain.
Serial / Parallel: 1 x M12 8-pin for COM1, RS-232/422/485, default RS-232, with waterproof cover and chain.
LAN: 2 x M12 8-pin for LAN with waterproof cover and chain.
Graphics: 1 x M12 8-pin for VGA with waterproof cover and chain.
Power: 1 x M12 3-pin for DC power connector with waterproof cover and chain.
Storage: 1 x 2.5" HDD or SSD space, 1 x mSATA space, 1 x internal SD card slot.
Expansion Slot: 1 x Mini-PCIe (full size).
Display Type: 15" TFT-LCD.
Luminance (cd/m2): 450.
View Angle: 160(H) /150(V).
Contrast: 800:1
Backlight Lifetime: 50,000 hrs.
Touch: Projected Capacitive Touch.
Interface: USB.

I/O PORTS



Front

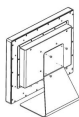


Rear

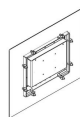
WATERPROOF CONNECTIVITY



MOUNTING SYSTEM



VESA



PANEL MOUNT

PRODUCT VALUES

- > 15" monitor for explosive environments.
- > Resistant to aggressive environments; dust, grease, vibrations.
- > Resistant to extreme temperatures and humidity.
- > Easy installation and assembly.
- > Expandable equipment in its configuration, up to 16 GB of RAM memory.
- > Possibility of Wifi connection.
- > Low power consumption.

MOST COMMON APPLICATIONS

- > Hazardous environments.
- > HMI control panels.
- > Integration in electrical panels.
- > Industrial control systems (ICS).
- > Distributed control systems / SCADA.
- > Data acquisition systems (DAQs).
- > Assembly lines at factory level.
- > Mounting on transport vehicles.
- > Wireless station (Wifi/4G/GPS).
- > Outdoor advertising and Digital Signage.

SECTORS OF APPLICATION

- > Service stations.
- > Explosive environments.
- > Automatism.
- > Aerospace.
- > Automotive.
- > Data Centers.
- > Distribution.
- > Naval sector.
- > Pharmaceutical Industry.
- > Transport and Logistics.
- > Transmission applications.

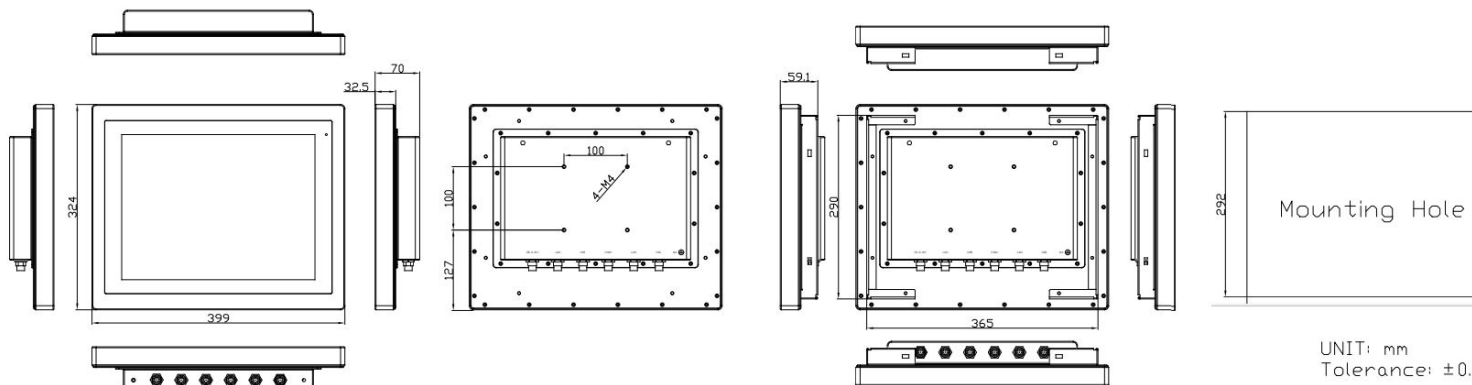
SOME SUCCESS STORIES

- > Meat industry.
- > Factory assembly
- > Solutions for agricultural engineering.

ALTERNATIVE REFERENCES

- > eEX19 CL-N2930
- > eEX15 i3-6100u

CERTIFICATIONS



Mounting Hole

UNIT: mm
Tolerance: ±0.5