AEx-816P

15.6" Intel Celeron N2930 IP66 Stainless Steel Panel PC

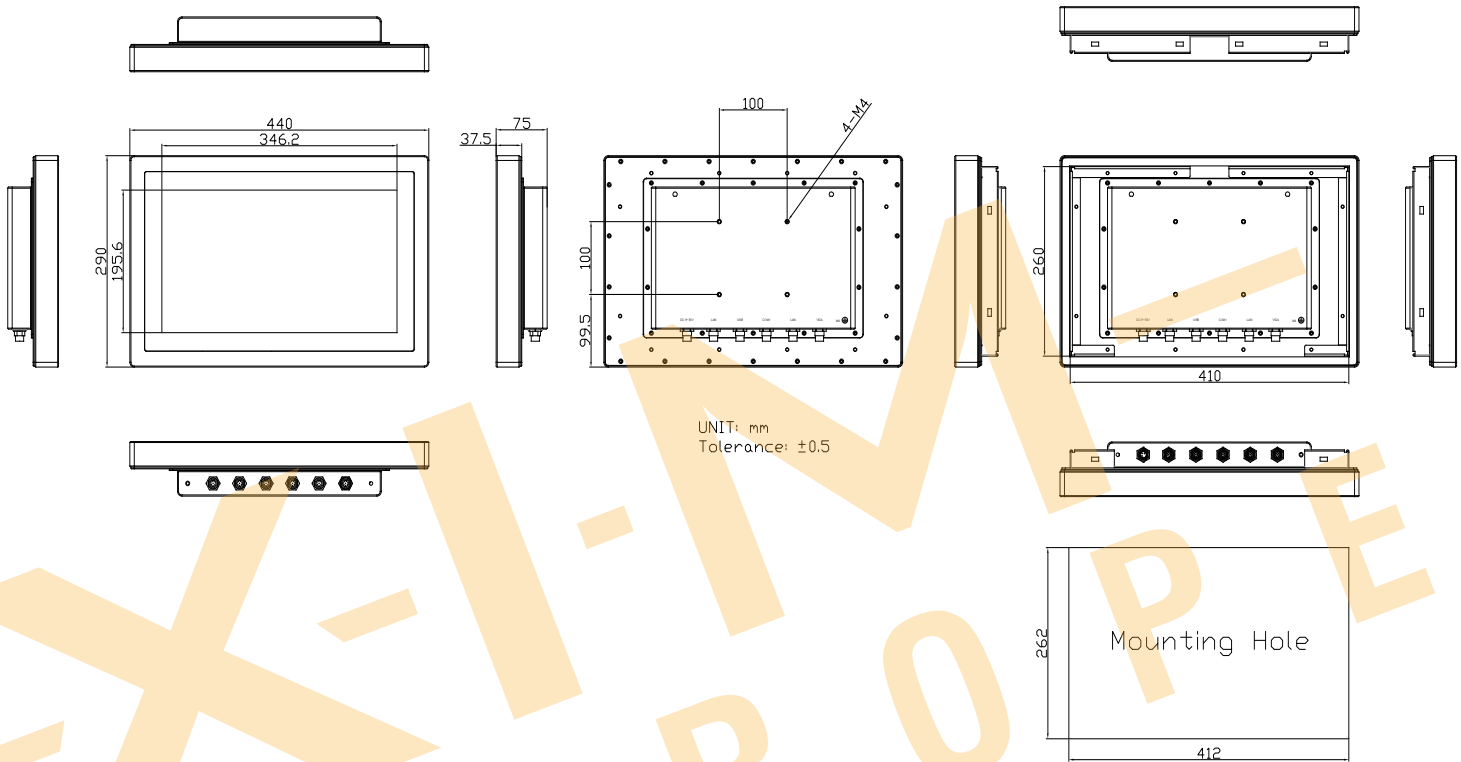| Industrial Panel PC | HMI Controller | Industrial Display Monitor | Box PC |

Features

- 15.6" TFT-LCD
- Intel Celeron Processor N2930
- SUS 316 Stainless Steel
- Total IP66 Grade with M12 Waterproof Connector
- Variety of IO applications
- Wide range DC 9~36V Power Input
- Support Panel Mount & VESA Mount
- Support Projected Capacitive Touch
- Full Flat Bezel and Fanless Design
- ATEX/IECEx Zone2, Zone22 and C1D2/C2D2/C3 Certified

Specifications

System

CPU	Onboard Intel Celeron N2930 Processor (2M Cache,1.83GHz)
System Chipset	SoC
Memory	Onboard 4GB/8GB DDR3L 1333MHz

IO Port

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
Graph	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 Space

HDD	1 x 2.5" HDD or SSD space 1 x mSATA space
Movable Device	1 x Internal SD Card

Expansion

Expansion slot	1 x Mini-PCIe (full size)

Dispalay

Display Type	15.6" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.2M
Luminance (cd/m^2)	400
View Angle	160(H) /140(V)
Contrast	700:1
Backlight Lifetime	50,000 hrs

Touch Screen

Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%

Power

Power Input	DC 9~36V
Power Consumption	AEx-816P: 23W

Mechanical

Construction	316 stainless steel chassis
Mounting	VESA mount 100 x 100, Panel mount (option)
IP Rating	Total IP66
Dimensions	440 x 290 x 75 mm
Net Weight	10 kg

Dimensions

UNIT: mm
Tolerance: ±0.5

Mounting Hole

Environmental

Operating Temperature	0~50°C / -20~60°C(option)
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non- condensing
Safety	CSA C22.2 No.61010
Certificate	CE / FCC Class A ATEx / IECEx Zone2 Ex ec ic IIC T4 Gc ATEx / IECEx Zone22 Ex tc IIIC T135°C Dc Class I, Division2, Group A,B,C,D,T4 Class II, Division2, Group F,G, T135°C Class III ANSI/ISA 12.12-01-2013 CSA Std., C22 No213-1987

Operating System Support

Windows embedded 7
Windows embedded 8.1
Windows 10 IoT ENT LTSB

Ordering Information

AEX-816P	15.6" FHD IP66 Intel Celeron N2930 1.8G CPU fan less panel PC, 4GB DDR3L memory on board, 1 x 128GB 2.5" MLC SSD, 1 x 64GB mSATA GMLC SSD, Projected capacitive touch, DC9~36V power input with power adapter, 316 stainless steel enclosure, support VESA Mount, WT-20~60 Accessary : 1 x M12 for 2 x USB2.0 Cable, 2 x M12 LAN cable, 1 x M12 COM Cable, 1 x VGA Cable, 1 x 3pin power input cable (w/o Adapter)

V 1.5

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All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

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