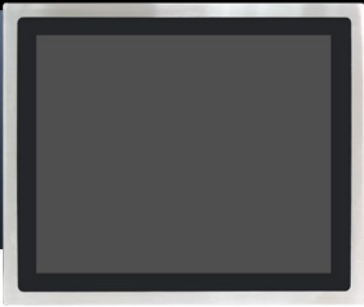# INDUSTRIAL FANLESS PANEL PC

19" SXGA IP65 Intel Celeron N2930 1.8G CPU Fanless Panel PC, 8GB DDR3L memory on board, 1x 256GB 2.5" MLC SSD, 1x 64GB mSATA MLC SSD Projected Capacitive Touch, DC9~36V Power Input 316 Stainless Steel Enclosure, support VESA Mount, WT-20~60

ACCESSORIES: 1x M12 for 2 x USB2.0 Cable, 2x M12 LAN Cable, 1x M12 COM Cable, 1x VGA Cable, 1x 3pin power input cable (w/o Adapter)

MODEL: APC19N2-UL-P

FEATURES:

- **19" 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**
- **Windows 10 IoT Enterprise 2021 LTSC Entry EPKEA**
- **15.6"/Optical Bonding**
- **Power Adapter**
- **Power Cable**

SPECIFICATION:

SYSTEM	
CPU	Onboard Intel Celeron N2930 Processor (2M Cache,1.83GHz)
System Memory	8GB DDR3L memory
System Chipset	SoC

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
Graph	1 x M12 8-pin for VGA with waterproof cover and chain
LAN	2 x M12 8-pin for LAN 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	
On board expansion bus	1 x Mini-PCIe (full size)

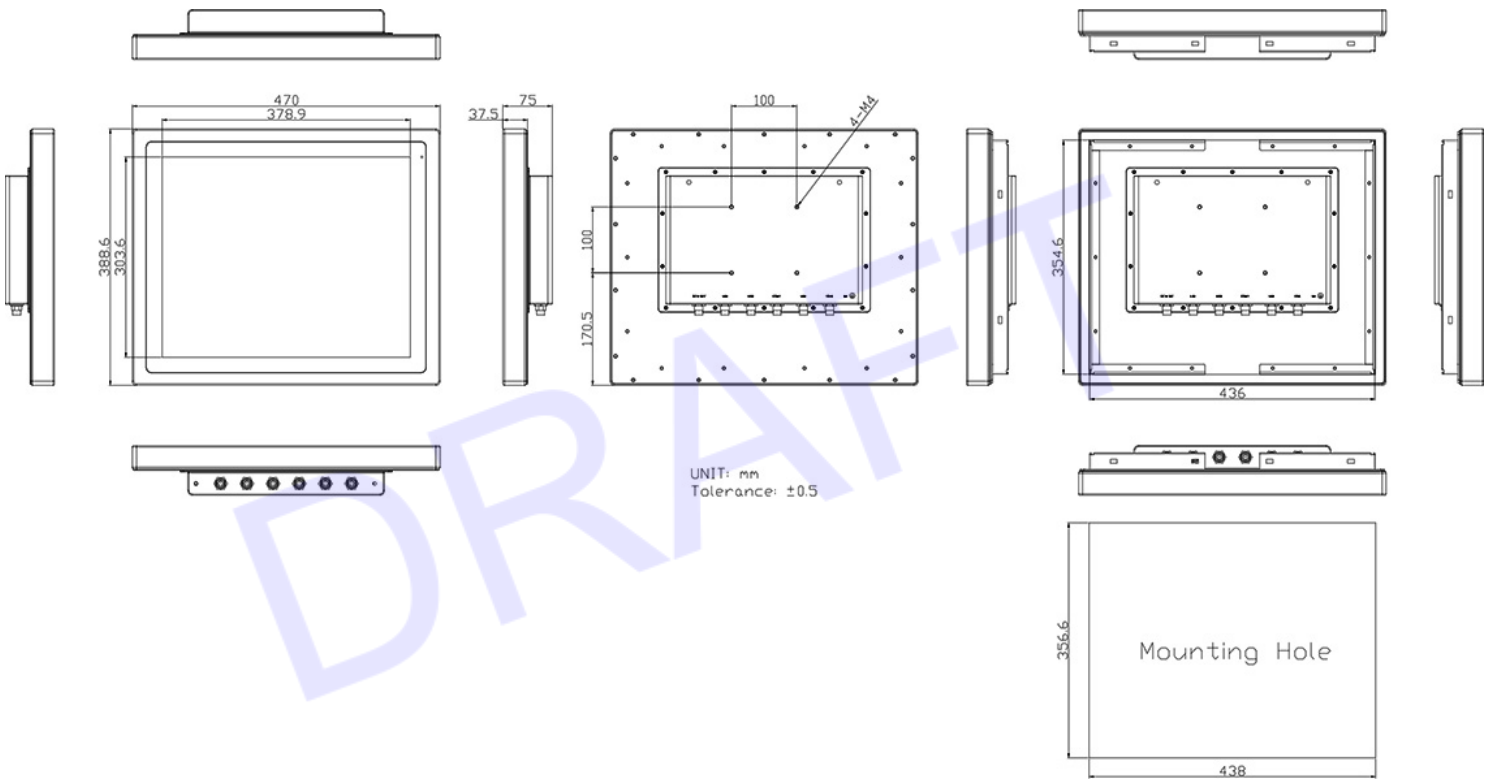| Display		
Display Type	19" TFT-LCD	19" TFT-LCD
Max. Resolution	1280x1024	1280x1024
Max. Color	16.7M	16.7M
Brightness	350	1000
View Angle	170(H) /160(V)	170(H) /160(V)
Contrast Ratio	1000:1	1000:1
Backlight Lifetime	70,000 hrs	70,000 hrs

Operating System Support
Windows embedded 7 Windows embedded 8.1 Windows 10 IoT ENT LTSB

Specifications subject to change without notice, not responsible for typographical errors.

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

POWER SUPPLY	
Power Input	DC 9~36V
Power Consumption	24W

MECHANICAL	
Construction	316 stainless steel chassis
IP Rating	Total IP66
Mounting	VESA mount 100 x 100, Panel mount (option)
Dimension	470 x 388.6 x 75 mm
Net Weight	12.3 kg

ENVIRONMENTAL	
Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Storage 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

DIMENSION:

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

470
378.9
37.5
75
388.6
303.6
100
4-M4
100
170.5
354.6
436

UNIT: mm
Tolerance: ±0.5

356.6
Mounting Hole
438

Drawing No.: APC19N2-UL-P-02282023-V1