# HIGH BRIGHTNESS IP65 STAINLESS STEEL PANEL PC

19" SXGA HB1000nits IP65 Intel Core I5-6300U 2.4GHz, fan less panel PC, 16GB DDR4 memory, 1 x 256GB 2.5" MLC SSD, 1 x 64GB mSATA MLC SSD, Projected capacitive touch, DC9~36V power input, 316 stainless steel enclosure, support VESA Mount, WT-20~60

## MODEL: WPC1900i7EX-C1D2-H1

## FEATURES:

- **19-inch TFT-LCD Display**
- **Intel 6th Generation Core i5 Processor**
- **Constructed with SUS 316 Stainless Steel**
- **Achieves Total IP66 Grade with M12 Waterproof Connector**
- **Offers a Variety of IO Applications**
- **Supports Wide Range DC 9~36V Power Input**
- **Compatible with Panel Mount & VESA Mount**
- **Features Projected Capacitive Touch Support**
- **Boasts a Full Flat Bezel and Fanless Design**
- **ATEX/IECEx Zone2, Zone22 and C1D2/C2D2/C3 Certified**
- **Windows 10 IoT Enterprise 2021 LTSC Value PKEA**
- **Accessories : 1x M12 for 2x USB2.0 Cable,  2x M12 LAN cable, 1x M12 COM Cable, 1x VGA Cable, 1x 3pin power input cable (w/o Adapter)**
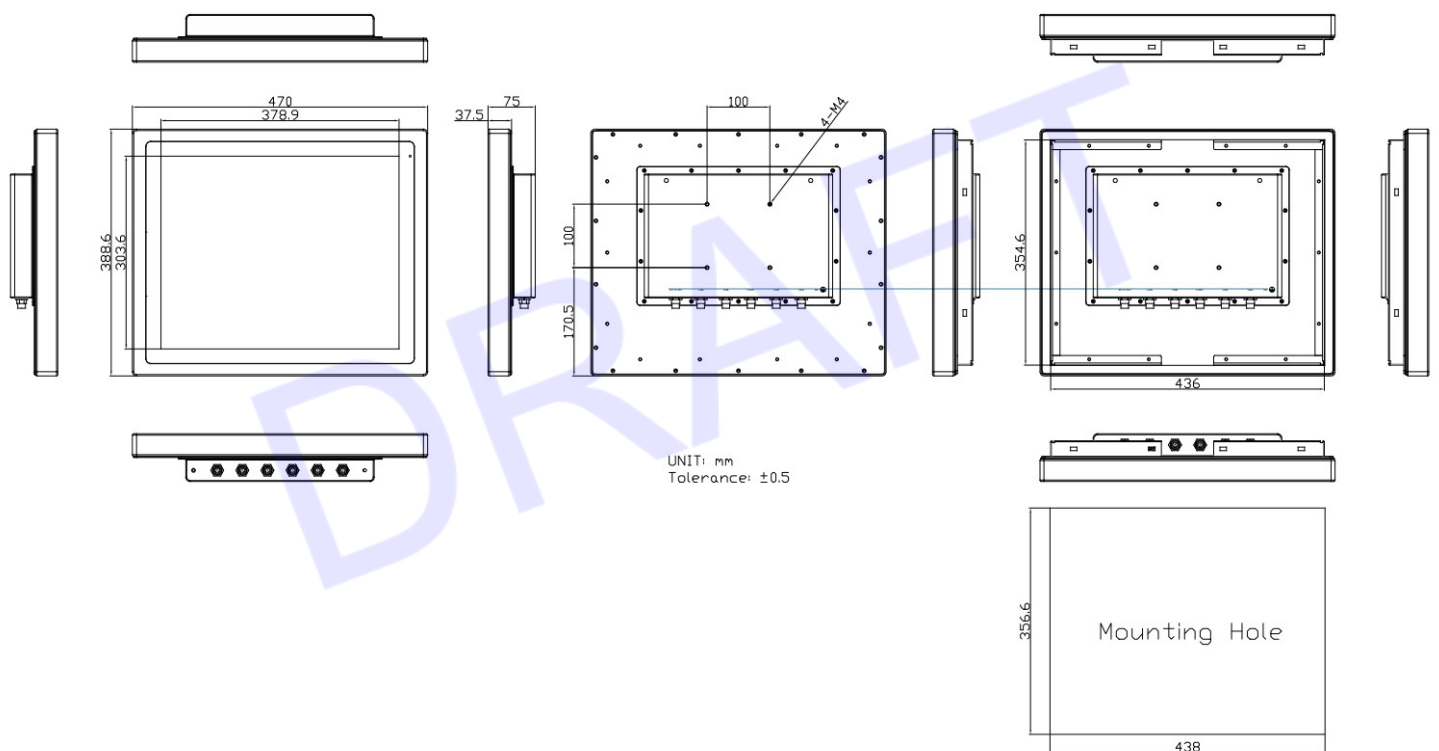- **Power Adapter**
- **Power Cable**

## SPECIFICATION:

| SYSTEM | |
|---|---|
| CPU | Onboard 6th Gen Intel Core i3/i5 processor |
| System Chipset | SoC |
| Memory | 1 x 260-pin SO-DIMM up to 16GB DDR4 2133MHz |
| **I/O 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 |
| Power | 1 x M12 3-pin for DC power connector with waterproof cover and chain |
| Graph | 1 x M12 8-pin for VGA with waterproof cover and chain |
| **STORAGE SPACE** | |
| HDD | 1 x 2.5" HDD or SSD space<br>1 x mSATA space |
| Movable Device | 1 x Internal SD Card |
| **EXPANSION** | |
| Expansion Slot | 1 x Mini-PCIe (full size) |
| **DISPLAY** | |
| Display Type | 19" TFT-LCD |
| Max. Resolution | 1280x1024 |
| Max. Color | 16.7M |
| Luminance (cd/m$^2$) | 1000 |
| View Angle | 170(H) /160(V) |
| Contrast | 1000:1 |
| Backlight Lifetime | 70,000 hrs |
| **TOUCHSCREEN** | |
| Type | Projected Capacitive Touch |
| Interface | USB |
| Light Transmission(%) | 90% |
| **POWER** | |
| Power Input | DC 9~36V |
| Power Consumption | 24W |

| MECHANICAL | |
|---|---|
| Construction | 316 stainless steel chassis |
| Mounting | VESA mount 100 x 100, Panel mount (option) |
| Dimensions (WxHxD) | 470 x 388.6 x 75 mm |
| IP Rating | Total IP66 |
| Net Weight | 13.2 / 13.4 kg |
| ENVIRONMENTAL | |
| Operating Temperature | -20~60°C |
| Storage Temperature | -30~70°C |
| Storage Humidity | 10 to 95% @ 40°C, non-condensing |
| Certificate | CE / FCC Class A<br>ATEx / IECEx Zone2 Ex ec ic IIC T4 Gc<br>ATEx / IECEx Zone22 Ex tc IIIC T135°C Dc<br>Class I, Division2, Group A,B,C,D,T4<br>Class II, Division2, Group F,G, T135°C<br>Class III<br>ANSI/ISA 12.12-01-2013<br>CSA Std., C22 No213-1987 |
| 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.*

## DIMENSION:

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



UNIT: mm
Tolerance: ±0.5

Mounting Hole

Drawing No.: WPC1900i7EX-C1D2-H1-01022024-V1

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