

# ORCA

## Full IP66 - Core™ Series - 19"

Fanless Full IP66 Panel PC with Intel® 8<sup>th</sup> Gen Core™ i7/ i5 processor

### Features

- Fanless design
- Full IP66 stainless steel housing, optional Full IP69K
- Resistive touch screen, optional PCAP
- M12 connectors for every I/O

### System

<b>CPU</b>	Intel® Core™ i7/ i5 8 <sup>th</sup> Gen. Whiskey Lake CPU
<b>Chipset</b>	Intel® SoC Chipset Whiskey Lake
<b>Graphics Card</b>	Integrated Intel® HD Graphics
<b>RAM</b>	2x DDR4 SODIMM socket, up to 32GB
<b>Storage Capacity</b>	1x 2.5" SATA HDD / SSD
<b>Expansion</b>	1x Mini PCIe, 1x M.2 Type E
<b>Operating System</b>	Windows® 10, Windows® 8 Embedded, Windows® 8 Industrial, Windows® 7 Pro, Windows® 7 Embedded

### Display

<b>Size</b>	19" 4:3
<b>Touch Type</b>	Full Flat Resistive touch
<b>Resolution</b>	1280 x 1024
<b>Color</b>	16.7M colors (RGB 6-bit + Hi FRC)
<b>Viewing Angle</b>	160 (H) / 160 (V)
<b>Contrast</b>	600:1
<b>Brightness</b>	450 cd/m <sup>2</sup>

### Interface

<b>USB</b>	1x M12 8-pin for USB 1 / 2 1x M12 8-pin for USB 3 / 4
<b>Ethernet</b>	1x M12 8-pin for RJ-45 Gigabit LAN
<b>Serial</b>	2 x M12 8pin for COM 1/COM2 / RS-232/422/485
<b>Power Input</b>	1x M12 5-pin for DC power input
<b>Power Adapter</b>	AC 100 ~ 277 V / 47 ~ 63 Hz / DC output 12V, IP68

### Mechanical / Environmental

<b>IP Protection</b>	IP66, NEMA4X , IP69K/ SUS304 stainless steel enclosure, chassis type
<b>Dimensions</b>	458 x 386 x 64mm (W x H x D)
<b>Temperature</b>	Operating: 0° to 40°C   0° ~ 50°C (option) Storage: -20° to 60°C
<b>Weight</b>	11.5 kg
<b>Certificates</b>	CE (EMC) :EN61000-6-4 ; EN61000-6-2 / FCC/VCCI Class B

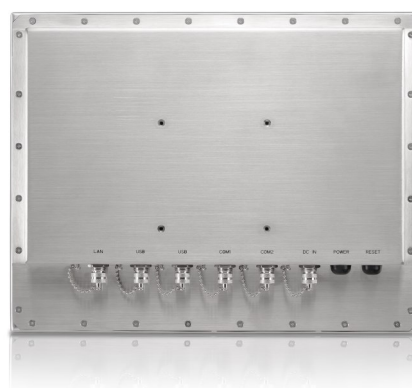
Front



I/O



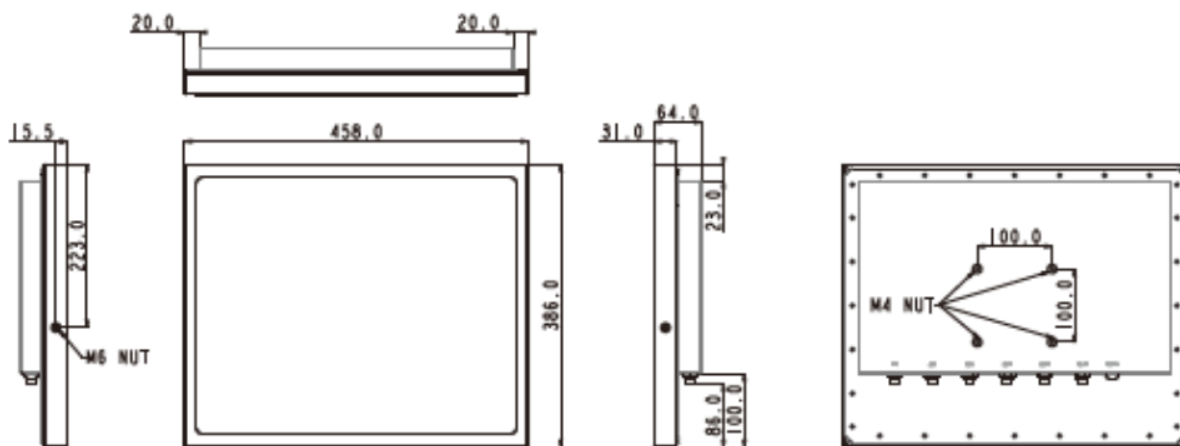
Rear



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### Technical Layout



### Optional Accessories

#### Table Stand



#### Wall Mount

