



DATASOUND - LABORATORIES -

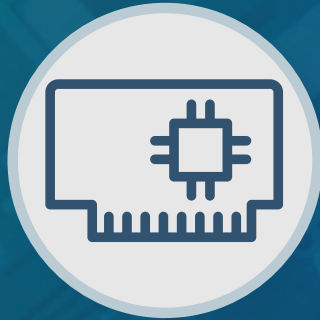
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**Electronic
Design**



**Panel
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**Single Board
Computer**



**Industrial
PC**

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Features

- Industrial Display
- Flat front panel touch screen
- Fanless design
- Wide range DC 9~36V power input
- IP66 compliant front panel / IP69K (option)
- VGA/DVI-D/HDMI/DP input
- System power LED light
- High Brightness LCD for option

Specifications

I/O Port	
VGA	1 x VGA
DVI	1 x DVI-D
DP	1 x DP
HDMI	1 x HDMI
Audio	1 x Audio line-in phone jack
OSD Control Membrane	OSD at rear side On board controller, extendable key pad from connector
Power	1 x 3-pin terminal block for DC 9~36V power input
Others	1 x USB type B for touch control Optional I/O: 1 x Speaker 1 x RS-232 DB-9 for touch control

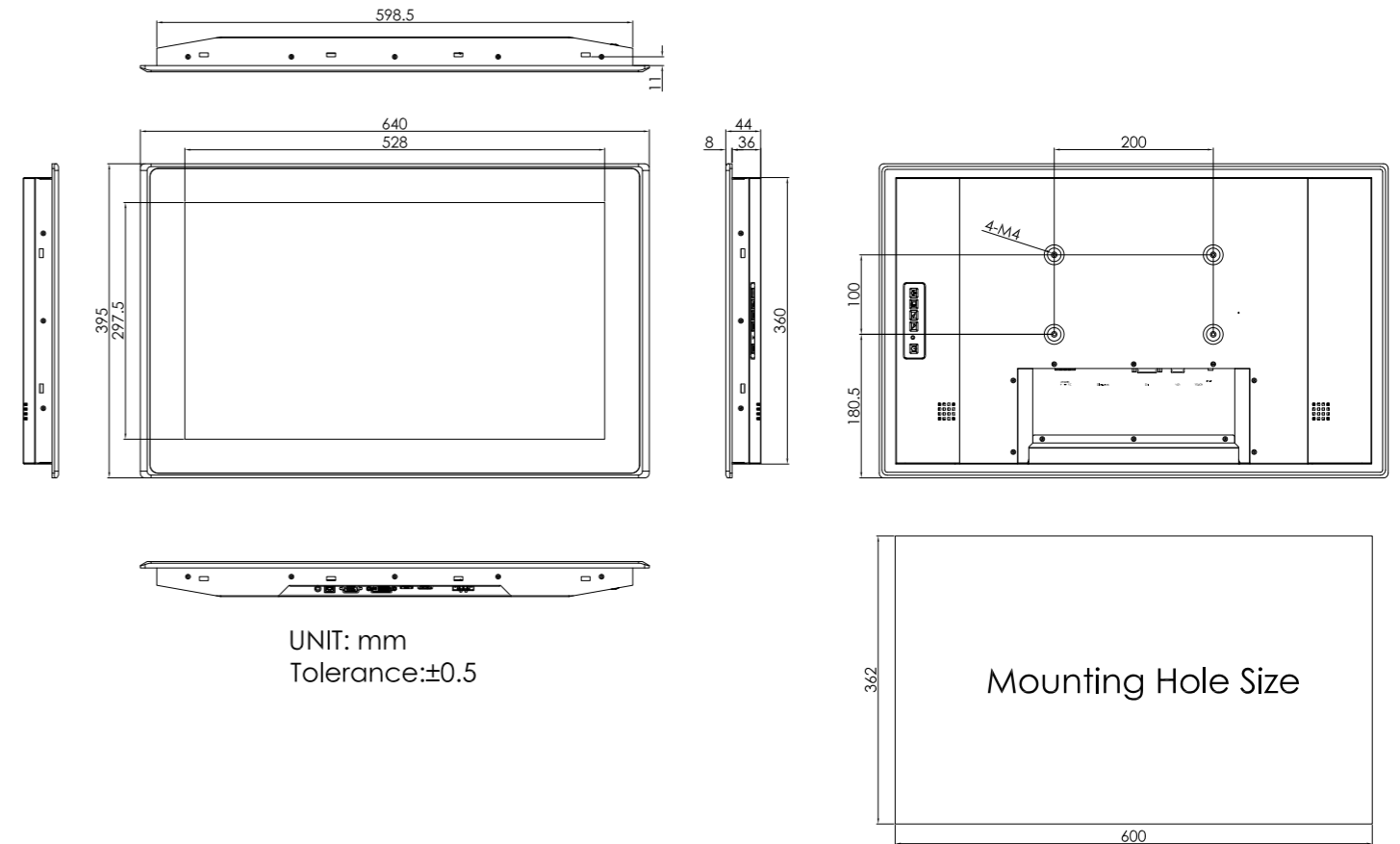
Display	Standard	High Brightness Optional
Display Type	23.8" TFT LCD	23.8" TFT LCD
Max. Resolution	1920x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	250	1000
View Angle	178(H) / 178(V)	178(H) / 178(V)
Contrast	3000:1	5000:1
Backlight Lifetime	30,000 hrs	50,000 hrs

Touch Screen	
Type	Projected Capacitive Touch (For ARCDIS-124AP model) Glass-AR (For ARCDIS-124AG model)
Interface	USB default (Projected Capacitive Touch)
Light Transmission(%)	Projected Capacitive Touch : over 90%

Power	
Power Input	DC 9~36V
Power Consumption	ARCDIS-124AP: 26.7W

Mechanical	
Construction	Aluminum chassis front bezel/ steel back cover
Mounting	Panel mount / VESA mount 100 x 100
IP Rating	IP66 compliant front panel / IP69K(option)
Dimensions (WxHxD)	640 x 395 x 44 mm
Net Weight	8.9 kg

Dimensions



Environmental	
Operating Temperature	0~50°C
Storage Temperature	-30~70°C
Storage Humidity	10 to 90% @ 40°C, Non-condensing
Certificate	CE/FCC, Class A