

## FABS-112P/R/G(H)

12.1" Flat Front Panel IP66 Stainless Chassis Display

Industrial Panel PC

HMI Controller

Industrial  
Display Monitor

Box PC



### Features

- Stainless steel front bezel display
- Flat front panel touch screen
- IP66/IP69K compliant front bezel
- VGA/DP/DVI/HDMI input
- OSD on the rear side
- System power LED light
- High brightness LCD for option
- Wide range DC 9~36V power input

### Specifications

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

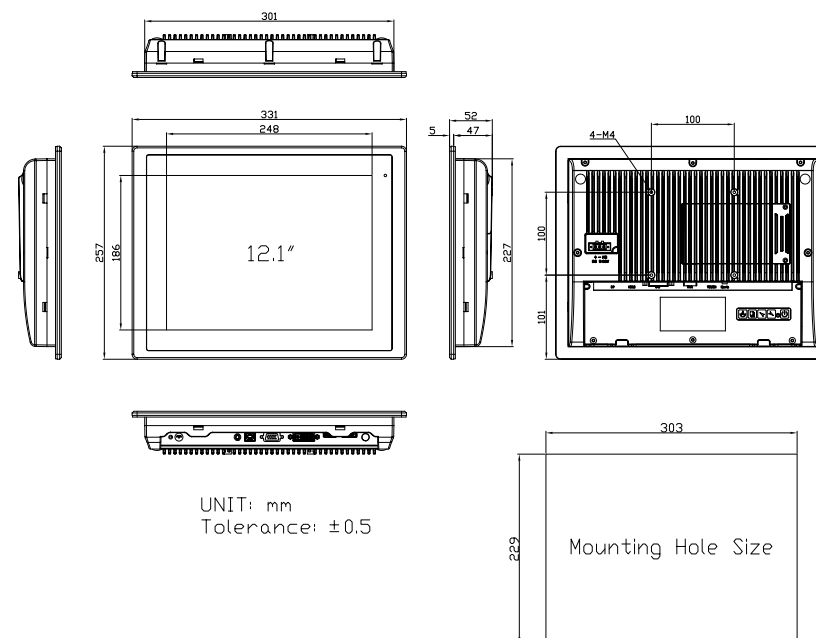
| Display                        | Standard      |               | High Brightness Optional |               |
|--------------------------------|---------------|---------------|--------------------------|---------------|
|                                | 12.1" TFT-LCD |               | 12.1" TFT-LCD            |               |
| Display Type                   | default       | optional      | default                  | optional      |
| Max. Resolution                | 800 x 600     | 1024 x 768    | 800 x 600                | 1024 x 768    |
| Max. Color                     | 16.7M         | 16.2M         | 16.7M                    | 16.2M         |
| Luminance (cd/m <sup>2</sup> ) | 450           | 500           | 1000                     | 1000          |
| View Angle                     | 176(H)/176(V) | 178(H)/178(V) | 176(H)/176(V)            | 178(H)/178(V) |
| Contrast                       | 1000:1        | 1000:1        | 1000:1                   | 1000:1        |
| Backlight Lifetime             | 50,000 hrs    | 30,000 hrs    | 50,000 hrs               | 70,000 hrs    |

| Touch Screen          |                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------|
| Type                  | Projected Capacitive Touch (for P model)<br>Resistive Touch (for R model)<br>Glass (for G model) |
| Interface             | USB                                                                                              |
| Light Transmission(%) | Resistive Touch: over 80%<br>Projected Capacitive Touch: over 90%                                |

| Power             |                 |
|-------------------|-----------------|
| Power Input       | DC 9~36V        |
| Power Consumption | FABS-112PH: 12W |

| Mechanical         |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Construction       | 304 Stainless steel front bezel (Default)<br>316L Stainless steel front bezel (Optional)<br>Aluminum die-casting back cover |
| Mounting           | Panel mount, VESA mount 100 x 100                                                                                           |
| IP Rating          | IP66/IP69K compliant front bezel                                                                                            |
| Dimensions (WxHxD) | 331 x 257 x 52 mm                                                                                                           |
| Net Weight         | 3.3 kg                                                                                                                      |

### Dimensions



| Environmental         |                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------|
| Operating Temperature | 0~50°C / -20~60°C (option)                                                              |
| Storage Temperature   | -30~70°C                                                                                |
| Humidity              | 10 to 95% @ 40°C, Non-condensing                                                        |
| Certificate           | R/P/G/RH/PH/GH Model: CE/FCC Class A<br>P/G Model is compliance with EN 1672-2 (option) |
| Vibration             | 1G/5~500Hz (Random) / Operation                                                         |
| Shock                 | 15G peak acceleration (11 msec. duration) / Operation                                   |

V 1.4

## Assured Systems

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