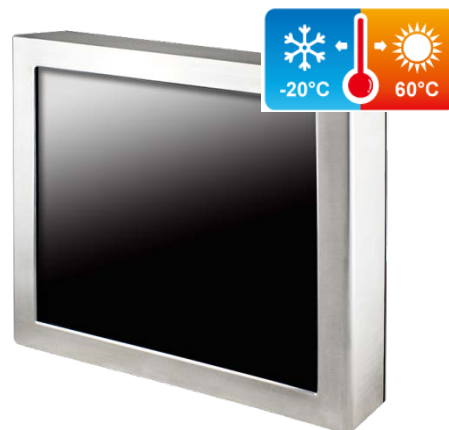


## 11<sup>th</sup> Gen 15", 17", 19"

## 6 Sides Full IP65 Stainless Touch IPC

### Features

- Fanless and rugged design
- Wide temperature & sunlight readable solution
- 11<sup>th</sup> Gen Intel® Core™ i3 1115GRE / i7 1185GRE processors
- Resolution 1024 x 768 dpi / 1280 x 1024 dpi
- 5 Wires Resistive touch solution
- Full 304 IP65 6 sides stainless chassis
- All IP65 M12 waterproof connectors
- 1 x USB, 2 x RS232, 1 x GLAN
- VESA mount & Yoke mount



### Specifications

| Model No.         | WP150R104/106SW                                                                                                                                                | WP170R104/106W        | WP190R104/106W        |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| System            |                                                                                                                                                                |                       |                       |
| CPU               | 11 <sup>th</sup> Gen Intel® Core™ i3 1115GRE / i7 1185GRE processors                                                                                           |                       |                       |
| Memory            | 2 x 260-pin DDR4 3200MHz SODIMM up to 64 GB                                                                                                                    |                       |                       |
| H/W Monitor       |                                                                                                                                                                |                       |                       |
| H/W Monitor       | Watch Dog Timer 256 Level                                                                                                                                      |                       |                       |
| TPM               |                                                                                                                                                                |                       |                       |
| Controller        | Infineon SLB9670VQ2.0                                                                                                                                          |                       |                       |
| I/O Ports         |                                                                                                                                                                |                       |                       |
| RS232             | 2                                                                                                                                                              |                       |                       |
| GLAN              | 1                                                                                                                                                              |                       |                       |
| USB               | 1                                                                                                                                                              |                       |                       |
| Storage           |                                                                                                                                                                |                       |                       |
| Storage           | 1 x SATA 3.0                                                                                                                                                   |                       |                       |
| Expansion         |                                                                                                                                                                |                       |                       |
| M.2               | 1 x M.2 M key (PCI e Gen x 4 NVMe) 2280<br>1 x M2 B Key ( PCI e x 1 , USB 2.0 w/NANO SIM Holder SATA 3.0) 2242/3042<br>1 x M.2 E key (PCI e x 1, USB 2.0) 2230 |                       |                       |
| Power Requirement |                                                                                                                                                                |                       |                       |
| Power Requirement | DC in 12 ~ 24V ( OCP & OVP)                                                                                                                                    |                       |                       |
| Touch Screen      |                                                                                                                                                                |                       |                       |
| Touch Screen      | 5 Wires Resistive (one touch)                                                                                                                                  |                       |                       |
| OS support        |                                                                                                                                                                |                       |                       |
| OS support        | Win Pro 10 / Window 10 IoT / Linux Kernel 5.4 Ubuntu LTS                                                                                                       |                       |                       |
| Display           |                                                                                                                                                                |                       |                       |
| Size              | 15" TFT (4:3)                                                                                                                                                  | 17" TFT (4:3)         | 19" TFT (4:3)         |
| Resolution        | 1024 x 768                                                                                                                                                     | 1280 x 1024           | 1280 x 1024           |
| Colors            | 16.2M                                                                                                                                                          | 16.7M                 | 16.7M                 |
| Luminance         | 400 cd/m <sup>2</sup>                                                                                                                                          | 350 cd/m <sup>2</sup> | 250 cd/m <sup>2</sup> |



|                                       |                                                                                                                           |                        |                                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Contrast Ratio                        | 700:1                                                                                                                     | 1000:1                 | 1000:1                                                                                                                              |
| View Angle (H/V)                      | 160°/160°                                                                                                                 | 140°/170°              | 170°/160°                                                                                                                           |
| <b>Mechanical &amp; Environmental</b> |                                                                                                                           |                        |                                                                                                                                     |
| Heatsink                              | Back side                                                                                                                 |                        |                                                                                                                                     |
| I/O ports                             | Bottom                                                                                                                    | Back side              | Back side                                                                                                                           |
| Operation Temp.                       | 0 ~ 45°C                                                                                                                  |                        |                                                                                                                                     |
| Storage Humidity                      | 10 ~ 90%, non-condensing                                                                                                  |                        |                                                                                                                                     |
| Mount                                 | VESA mount (100 x 100mm) & Yoke mount                                                                                     |                        |                                                                                                                                     |
| Dimension (WxHxD)                     | 379 x 289 x 67 mm                                                                                                         | 425 x 361 x 78 mm      | 455 x 367 x 77 mm                                                                                                                   |
| Weight                                | 6.1 kg                                                                                                                    | 8.8 kg                 | 9.7 kg                                                                                                                              |
| <b>Optional</b>                       |                                                                                                                           |                        |                                                                                                                                     |
| P/N: 3100400001                       | External antenna (WIFI)                                                                                                   |                        |                                                                                                                                     |
| P/N: 2351206003                       | Full IP65 Waterproof Power adaptor with European power cord<br>( 60W / 90 ~ 295V AC input / 12V DC output)                |                        |                                                                                                                                     |
| P/N: 2352406011                       | Full IP65 Waterproof Power adaptor with European power cord<br>(60W / 90 ~ 295V AC input / 24V DC output)                 |                        |                                                                                                                                     |
| P/N: 2351206004                       | Full IP65 Waterproof Power adaptor with US power cord<br>( 60W / 90 ~ 295V AC input / 12V DC output)                      |                        |                                                                                                                                     |
| P/N: 2352406012                       | Full IP65 Waterproof Power adaptor with US power cord<br>(60W / 90 ~ 295V AC input / 24V DC output)                       |                        |                                                                                                                                     |
| P/N: 2320000001                       | Optical Bonding                                                                                                           |                        |                                                                                                                                     |
| P/N: 2340000006                       | HDMI port                                                                                                                 |                        |                                                                                                                                     |
| P/N: 3120400001                       | RFID Reader RS232 interface<br>(13.56 MHz standard and 125KHz, Up to 50 mm at 5V ~ 18V)                                   |                        |                                                                                                                                     |
| P/N: 302A170051                       | 1600 cd/m <sup>2</sup> High Brightness 15" LCD panel 1024 x 768 dpi                                                       |                        |                                                                                                                                     |
| P/N: 302A170051                       | 1600 cd/m <sup>2</sup> High Brightness 17" LCD panel 1280 x 1024 dpi                                                      |                        |                                                                                                                                     |
| Optional HB Panel                     | <b>WP150R104/106K</b>                                                                                                     | <b>WP170R104/106K</b>  | <b>WP190R104/106K</b>                                                                                                               |
| Resolution                            | 1024 x 768                                                                                                                | 1280 x 1024            | 1280 x 1024                                                                                                                         |
| Color                                 | 16.2M                                                                                                                     | 16.7M                  | 16.7M                                                                                                                               |
| Luminance                             | 1000 cd/m <sup>2</sup>                                                                                                    | 1000 cd/m <sup>2</sup> | 1000 cd/m <sup>2</sup>                                                                                                              |
| Contrast Ratio                        | 2000 : 1                                                                                                                  | 1000 : 1               | 1000 : 1                                                                                                                            |
| Viewing Angle (H/V)                   | 176°/176°                                                                                                                 | 170°/165°              | 170°/160°                                                                                                                           |
| <b>Order information</b>              |                                                                                                                           |                        |                                                                                                                                     |
| <b>WP150R104W04128</b>                | 15" wide temp stainless steel panel PC, Intel i3 1115GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter | <b>WP150R104K04128</b> | 15" wide temp stainless steel panel PC, Intel i3 1115GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000 nit |
| <b>WP150R106W04128</b>                | 15" wide temp stainless steel panel PC, Intel i7 1185GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter | <b>WP150R106K04128</b> | 15" wide temp stainless steel panel PC, Intel i7 1185GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000 nit |
| <b>WP170R104W04128</b>                | 17" wide temp stainless steel panel PC, Intel i3 1115GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter | <b>WP170R104K04128</b> | 17" wide temp stainless steel panel PC, Intel i3 1115GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000 nit |
| <b>WP170R106W04128</b>                | 17" wide temp stainless steel panel PC, Intel i7 1185GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter | <b>WP170R106K04128</b> | 17" wide temp stainless steel panel PC, Intel i7 1185GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000 nit |
| <b>WP190R104W04128</b>                | 19" wide temp stainless steel panel PC, Intel i3 1115GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter | <b>WP190R104K04128</b> | 19" wide temp stainless steel panel PC, Intel i3 1115GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000 nit |



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|                                                        |                                                                                                                           |                        |                                                                                                                                     |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>WP190R106W04128</b>                                 | 19" wide temp stainless steel panel PC, Intel i7 1185GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter | <b>WP190R106K04128</b> | 19" wide temp stainless steel panel PC, Intel i7 1185GRE processor, 4GB DDR4 So-DIMM., M.2 128GB SSD, DC in power adapter, 1000 nit |
| **Specifications are subject to change without notice. |                                                                                                                           |                        |                                                                                                                                     |



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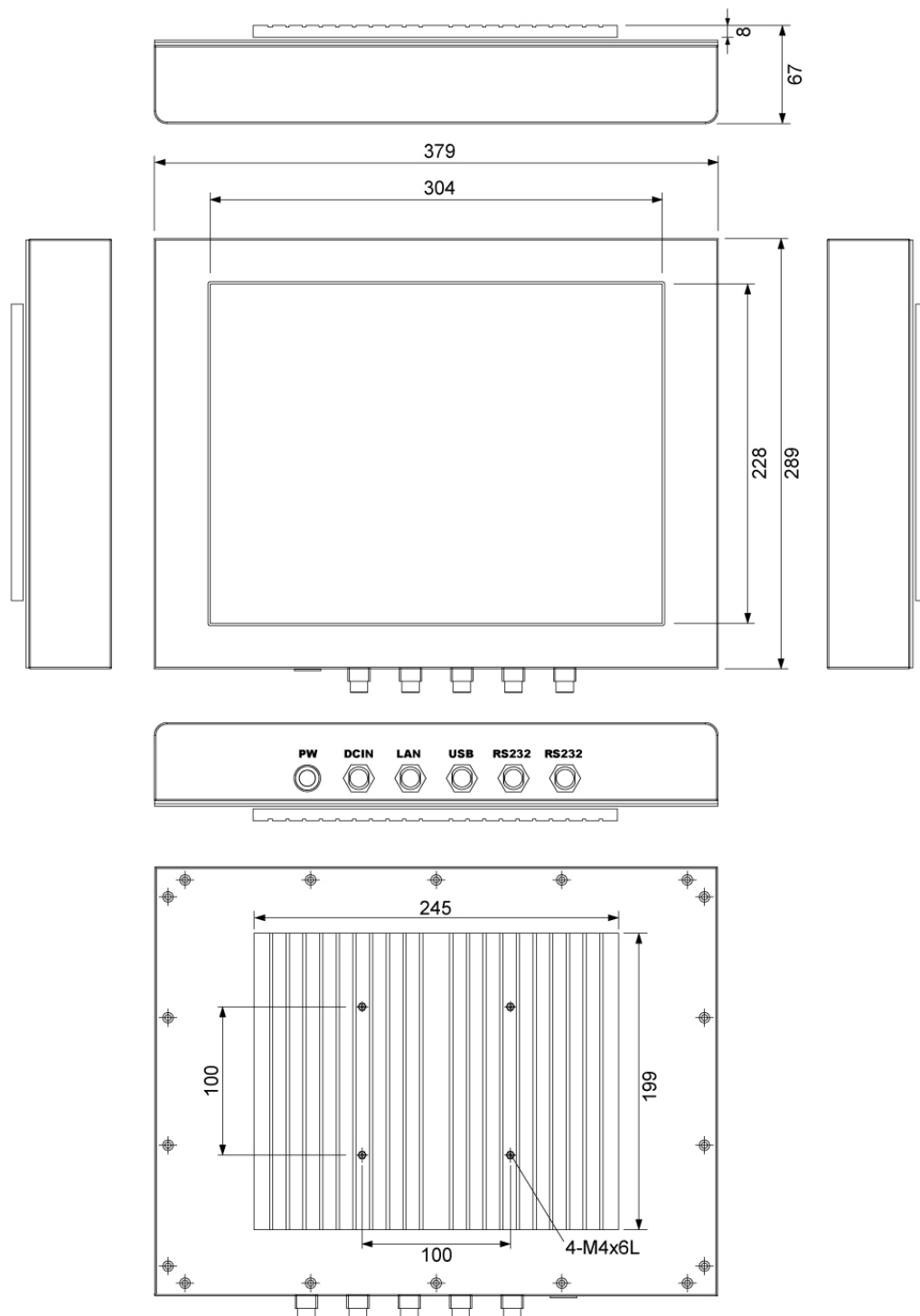
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## Dimension

- WP150R104/106W

Unit : mm



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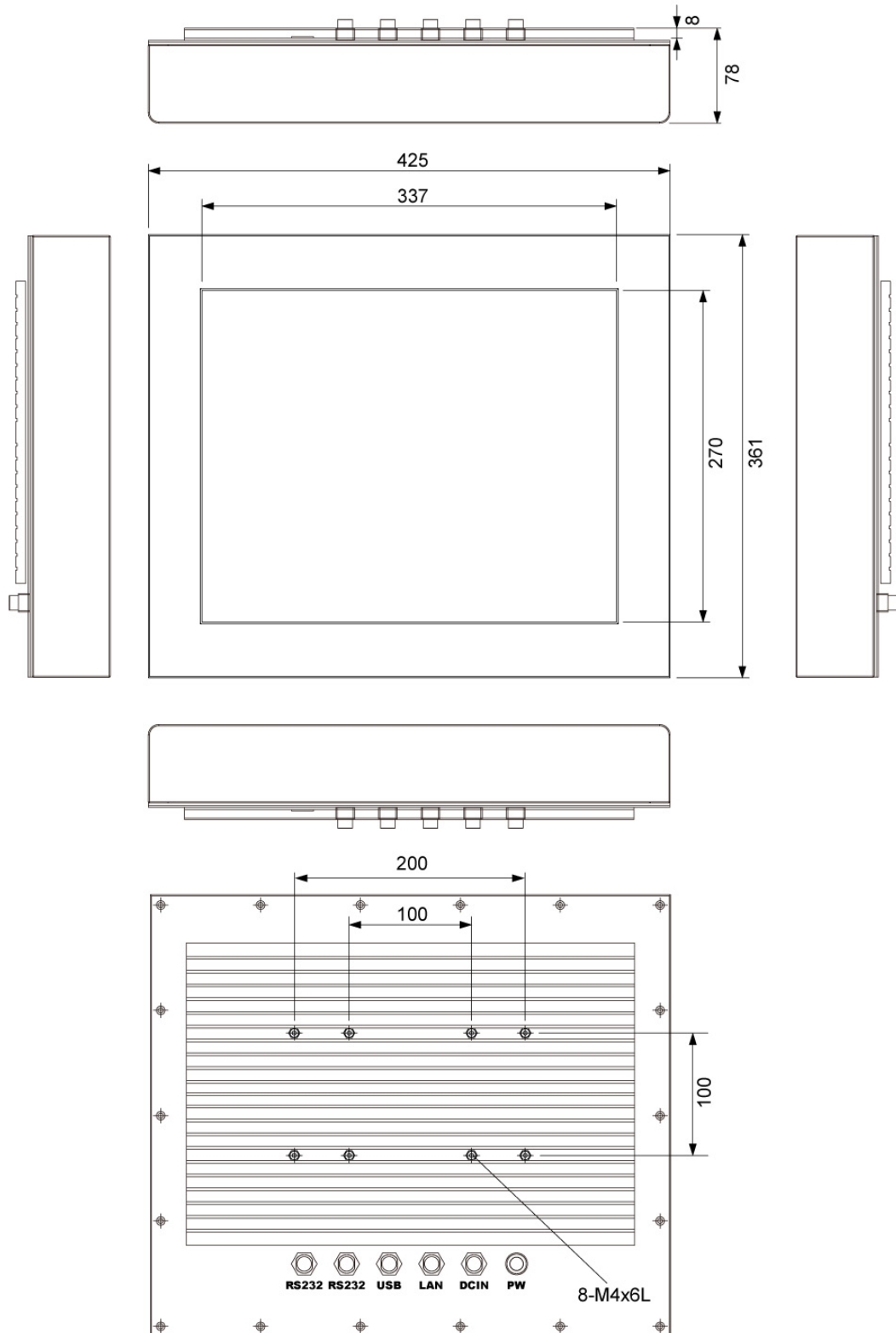
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Unit : mm



Unit : mm

