

# ICP69215-C-H52-2Y/4Y

■ Arm mounting PC

## ■ Features

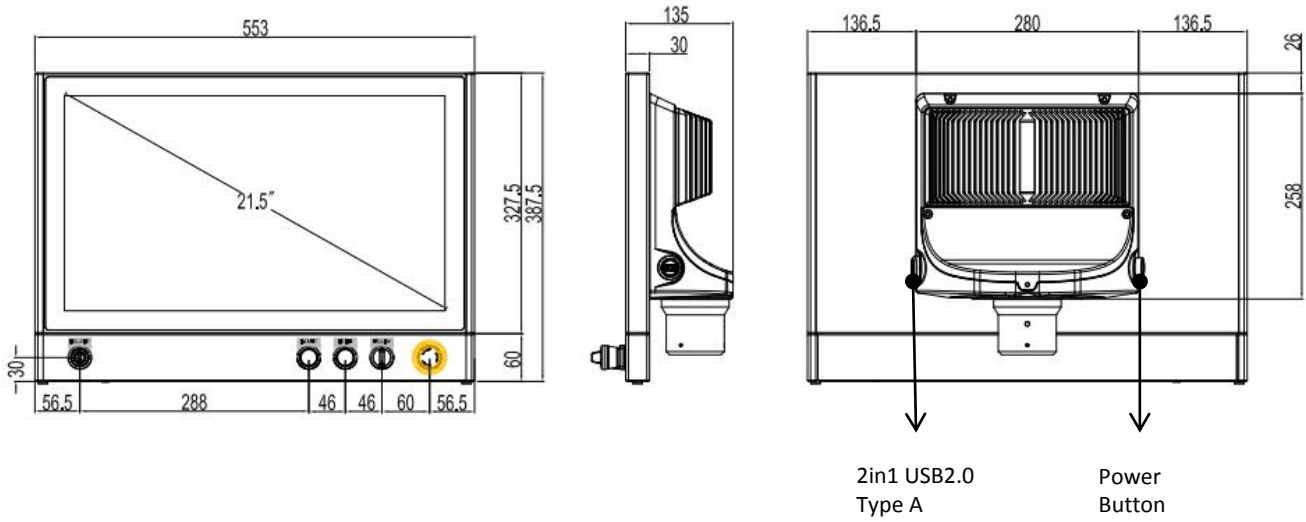
- 21.5"LCD,1920\*1080,resolution,Multi-touch,Capacitive Touchscreen
- Full IP65 design
- 2/4\*Glan/4\*USB3.0/1\*HDMI/2\*COM
- DC12-24V power input
- Support ARM mounting from TOP side or BOTTOM side
- Fanless and anodized aluminum
- Customer-specific requests for button units,up to 6x Ø22 buttons
- 1x power switch and 1x 2in1 USB 2.0 port at the back side



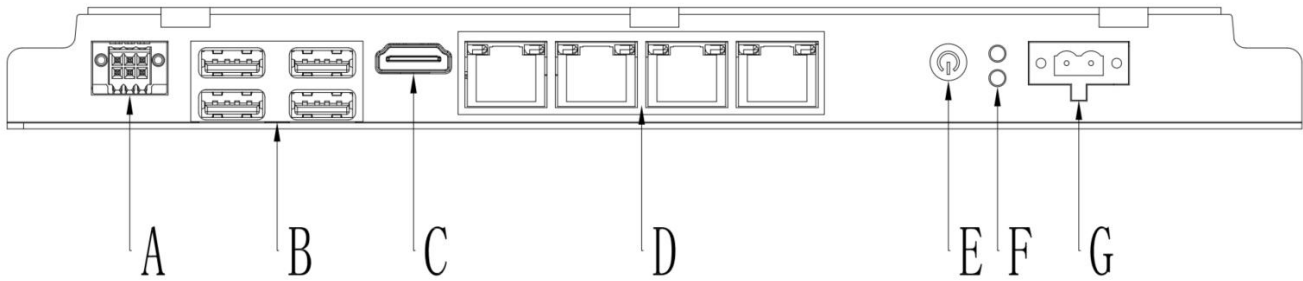
## ■ Specification

| Product Name      |                         | ICP69215-C-H52-2Y   | ICP69215-C-H52-4Y           |
|-------------------|-------------------------|---|-----------------------------|
| LCD               | Size                    | 21.5"LCD  |                             |
|                   | Resolution ratio        | 1920*1080   |                             |
|                   | White Luminance         | 250cd/m2  |                             |
|                   | MTBF (hour)             | 50000hrs  |                             |
|                   | Contrast Ratio          | 1000:1  |                             |
|                   | Viewing Angle           | (L)89 / (R)89 / (T)89 / (B)89   |                             |
| Mechanical        | Dimensions (W x H x D)  | 553mm x 387.5mm x 135mm   |                             |
|                   | Installation            | Swing ARM mounting (Support NODKA 4460 square tube and Rittal CP 40)  |                             |
|                   | Buttons                 | Default: 1x Emergency button, 1x selection button, 1x red push button, 1x green push button, 1x Key switch  |                             |
|                   | Weight                  | 9.0Kg   |                             |
| System            | CPU                     | Intel® Core™ 10-11代i5/i3 CPU type LGA1200 . Max.35W   |                             |
|                   | Memory                  | 2 x 260-pin DDR4 SODIMM , Max support 32GB  |                             |
|                   | Storage                 | 1 x 2.5"HDD/SSD + 1 x mSATA   |                             |
|                   | Network(LAN)            | 2 x Intel 1000Mbps Ethernet   | 4 x Intel 1000Mbps Ethernet |
|                   | HDMI                    | HDMI1.2   |                             |
|                   | Serial ports            | 2 X RS232/485(optional) , 2x 3-pins Phoenix Connector   |                             |
|                   | USB                     | 4 x USB3.0/2.0/1.0  |                             |
| Touch screen      | Touch screen type       | Capacitive Touch screen   |                             |
|                   | Communication interface | USB   |                             |
|                   | Transmittance           | ≥80%  |                             |
| OS                | OS                      | Windows 7, Windows 10 IoT, Ubuntu, CentOS,  |                             |
| Power Consumption | Input Voltage           | 12-24VDC ±10% , Support reverse connection protection, over voltage protection, over current protection<br>1x 2-pins Phoenix Connector for DC power(internal);<br>1x Power button with light at the back of housing |                             |
|                   | Idle Power Consumption  | Minimum 35W   |                             |
| Environment       | Operating Temperature   | 0°C ~ 50°C for SSD , 0°C ~ 45°C for HDD   |                             |
|                   | Storage Temperature     | -20°C ~ 60°C  |                             |
|                   | Humidity                | 5~95% @ 40°C (non-condensing)   |                             |
|                   | Vibration               | SSD applied: 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis  |                             |
|                   | Shock                   | Operating 10G peak acceleration (11ms duration), follow IEC 60068-2-27  |                             |
|                   | EMC                     | Class B   |                             |
|                   | IP rating               | Full IP65   |                             |

## ■ Dimensions (unit : mm) 21.5"



## ■ Internal I/O



- A: 2\*RS232/485
- B: 4\*USB3.0
- C: HDMI
- D: 4\*LAN
- E: Power button
- F: HDD/Power LEDs
- G: DC-in

### ■ Button Area



note :

1. Fully configurable according to customer specifications
2. Frontally accessible for subsequent configuration changes and/or additions
3. Hard-wired connection mode
4. The number of elements that can be installed depends on the size of the display
5. Technical Supports : [www.nodka.com](http://www.nodka.com)

### ■ Ordering Information

| P/N | Product name      | Description  |
|-----|-------------------|--|
|     | ICP69215-C-H52-4Y | 21.5", 1920*1080, 4*GigE lan, 4*USB3.0, 1*HDMI, 2*COM, 12V-24V |
|     | ICP69215-C-H52-2Y | 21.5", 1920*1080, 2*GigE lan, 4*USB3.0, 1*HDMI, 2*COM, 12V-24V |

### ■ Optional Accessories

| Option items | Description   |
|--------------|---|
| CPU          | Support 10th/11th generation Intel® Core™ i3/i5 LGA 1200 socket type processors<br>Intel® Core™i5-11400T,Six Cores,1.30 GHz,12 MB Cache;<br>Intel® Core™i5-11500T,Six Cores,1.50 GHz,12 MB Cache;<br>Intel® Core™i5-10400T,Six Cores,2.00 GHz,12 MB Cache;<br>Intel® Core™i5-10500T,Six Cores,2.30 GHz,12 MB Cache;<br>....<br>Please contact sales to check other request. |
| Memory       | DDR4 4G/8G/16G  |
| Storage      | Mini SATA SSD 64G/128G/256G/512G/1TB  |
|              | M.2 SSD 128GB,256GB,512GB,1TB,2TB   |

Note: If the system provides some optional parts, additional certification of system compatibility may be required in some regions/countries, please contact NODKA for system compatibility.