



### FEATURES

- Aluminium Alloy Front Panel, Front IP65 Waterproof
- 10.4" TFT LED, Resolution 800 x 600 / 1024 x 768(Optional), Resistive touch
- Intel® Elkhart Lake Celeron J6412 2.0GHz Fanless Industrial Panel PC
- 3xLAN, 2xCOM, Static Electricity & S Surge Protection
- Built-in TPM2.0 for Hardware-based Security
- DC 9~36V, Overcurrent, Overvoltage & Reverse Polarity Protection
- -20°C ~ 70°C Extended Operating Temperature

### SPECIFICATIONS

| System             |                                                              | Touch screen          |                                                                                                       |
|--------------------|--------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------|
| CPU                | Intel® Elkhart Lake Celeron J6412 Quad-core 2.0GHz , TDP 10W | Touch Type            | 5 Wire Resistive touch                                                                                |
| L2 Cache           | 1.5MB                                                        | Surface Hardness      | ≥3H                                                                                                   |
| System Chipset     | Integrated with Intel® SoC                                   | Power                 |                                                                                                       |
| Memory             | DDR4L 3200MHz 4GB, MAX 32GB                                  | Power Adapter         | 1 x Optional AC/DC 12V/5A , 60W                                                                       |
| Harddisk           | 1 x M.2 120G SSD ( 250G / 500G / 2TB SSD ) / 1 x 2.5" SATA   | Power Mode            | Support AT, ATX Mode                                                                                  |
| Graphics           | Intel® UHD Graphics for 10th Gen Intel® Processors           | Power Input           | 2-pin Terminal Block Connector with Power Input 9~36VDC                                               |
| Network            | Intel® 225-V GbE LAN                                         | Power Protection      | OVP (Over Voltage Protection)<br>OCP (Over Current Protection)<br>RPP ( Reverse Polarity Protection ) |
| Audio              | Realtek ACL897 Audio controller                              | Power Consumption     | ≤30W                                                                                                  |
| TPM                | TPM 2.0                                                      | Physical              |                                                                                                       |
| Watchdog Timer     | Software Programmable Supports 1~255 sec. System Reset       | Material              | Aluminum alloy panel, anodized treatment                                                              |
| Operation System   | Windows 10 / 11 , Linux, Ubuntu                              | Mounting              | Stand / Wall / VESA / Panel                                                                           |
| I / O              |                                                              | Dimension (WxHxD )    | 275 x 222 x 58 mm                                                                                     |
| VIDEO              | 1 x H-DMI                                                    | Cut-out Size          | 263 x 210 mm                                                                                          |
| LAN                | 3 x LAN ( 10/100/1000/2500 Mbps )                            | Packing Size          | 360 x 180 x 320 mm                                                                                    |
| USB                | 4 x USB 3.0                                                  | Weight (Net)          | 2.5 KG                                                                                                |
| COM                | 2 x RS-232 / 422 / 485                                       | Environment           |                                                                                                       |
| Audio              | 1x Audio_out & Mic_in                                        | Operating Temperature | -20~70°C ( -4~158°F )                                                                                 |
| Wireless Network   | Optional ( WiFi / Bluetooth / 4G / 5G )                      | Storage Temperature   | -30~80°C (-22~176°F)                                                                                  |
| Display            |                                                              | Relative Humidity     | 5%~95%@40°C, non-condensing                                                                           |
| LCD Size           | 10.4" ( 4:3 )                                                | Vibration Protection  | 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis                                               |
| Resolution         | 800 x 600 / 1024 x 768 (Optional)                            | IP Level              | Front Panel IP65                                                                                      |
| Brightness (cd/m²) | 350 cd/m²                                                    | EMC                   | CE, FCC , ROHS                                                                                        |
| Contrast Ratio     | 800:1                                                        |                       |                                                                                                       |
| Backlight MTBF     | 30000 Hr                                                     |                       |                                                                                                       |
| Viewing Angle      | 80 / 80 / 65 / 75 (CR≥10) ( L / R / U / D )                  |                       |                                                                                                       |

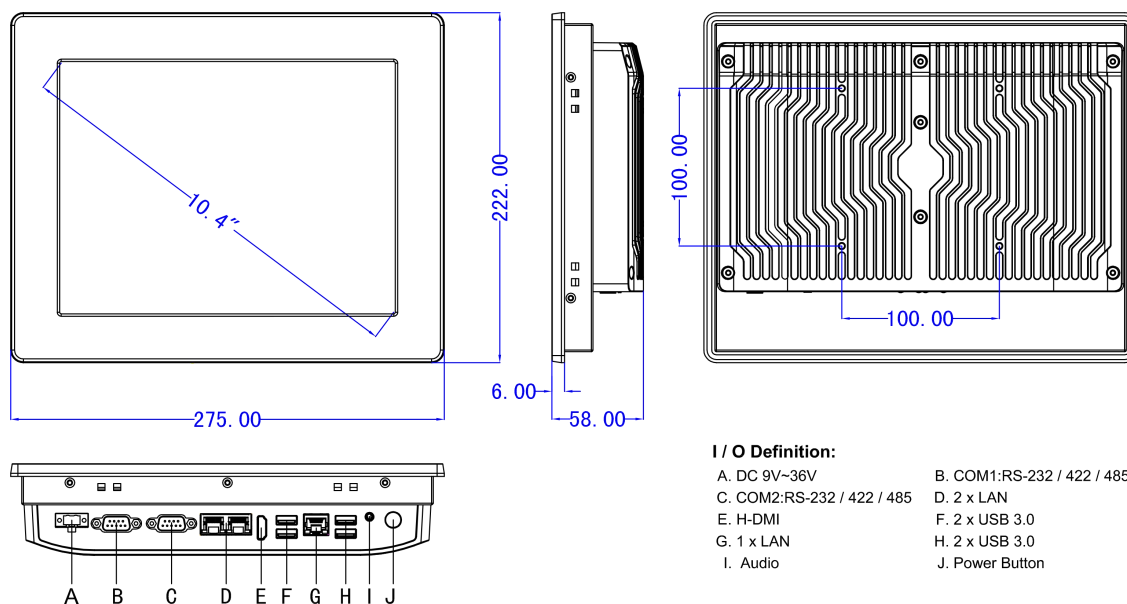




# PPC-IN10-J64

## Industrial Panel PC

### Dimension & I/O



Panel Cutout Dimensions: 263 x 210 mm (10.35 x 8.27 in )

### ORDERING INFORMATION

#### PACKING LIST

1x PPC-IN10-J64 Series Industrial Panel PC  
1x Utility DVD Driver  
8x Embedded Buckles  
1x Power Adaptor

### AVAILABLE MODELS

| Display Size | Resolution       | Format | Brightness(cd/m2)     | Viewing Angle | LCD Color  | Backlight MTBF  |
|--------------|------------------|--------|-----------------------|---------------|------------|-----------------|
| 10.1"        | 1280 x 800       | 16:10  | 400 cd/m <sup>2</sup> | 85/85/85/85   | 262K/16.2M | 30000 Hr (min.) |
| 10.4"        | 800x600/1024x768 | 4:3    | 350 cd/m <sup>2</sup> | 80/80/65/75   | 262K/16.2M | 30000 Hr (min.) |
| 12.1"        | 800x600/1024x768 | 4:3    | 500 cd/m <sup>2</sup> | 88/88/88/88   | 262K/16.7M | 50000 Hr (min.) |
| 12.1"        | 1280x800         | 16:10  | 400 cd/m <sup>2</sup> | 88/88/88/88   | 262K/16.7M | 50000 Hr (min.) |
| 13.3"        | 1920x1080        | 16:9   | 400cd/m <sup>2</sup>  | 85/85/85/85   | 262K/16.7M | 50000 Hr (min.) |
| 15"          | 1024x768         | 4:3    | 350cd/m <sup>2</sup>  | 89/89/89/89   | 262K/16.2M | 50000 Hr (min.) |
| 15.6"        | 1920x1080        | 16:9   | 450cd/m <sup>2</sup>  | 89/89/89/89   | 262K/16.2M | 50000 Hr (min.) |
| 17"          | 1280x1024        | 5:4    | 400cd/m <sup>2</sup>  | 80/80/70/70   | 262K/16.7M | 50000 Hr (min.) |
| 17.3"        | 1920x1080        | 16:9   | 400cd/m <sup>2</sup>  | 80/80/60/80   | 262K/16.7M | 50000 Hr (min.) |
| 18.5"        | 1920x1080        | 16:9   | 350cd/m <sup>2</sup>  | 85/85/85/85   | 262K/16.7M | 50000 Hr (min.) |
| 19"          | 1280x1024        | 5:4    | 450cd/m <sup>2</sup>  | 89/89/89/89   | 262K/16.7M | 50000 Hr (min.) |
| 21.5"        | 1920x1080        | 16:9   | 400d/m <sup>2</sup>   | 89/89/89/89   | 262K/16.7M | 50000 Hr (min.) |
| 23.8"        | 1920x1080        | 16:9   | 350cd/m <sup>2</sup>  | 89/89/89/89   | 262K/16.7M | 30000 Hr (min.) |

