

# IP-901 SERIES

## Full IP65 Stainless Touch IPC

### Features

**Powered by Intel® SoC Processor (Elkhart Lake)**  
**Dual DDR4 3200MHz SO-DIMM**  
**High brightness sunlight readable solution**  
**Display Size:12.1" / 15" / 17" / 19" / 21.5" / 24"**  
**5 Wires Resistive / True Flat PCT solution**  
**Full 304 IP65 6 sides stainless chassis**  
**All IP65 M12 waterproof connectors**  
**2 x M12 RS232, 2 x M12 GLAN, 2 x M12 USB 2.0**  
**VESA mount (100x100mm) & Yoke mount**  
**12V~24V range, ideal for industrial environments**



### Specifications

| Display for 4:3 Ratio      |                                                                                                                      |            |             | Display for 16:9 Ratio     |           |           |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|------------|-------------|----------------------------|-----------|-----------|
| Size                       | 12.1" TFT                                                                                                            | 15" TFT    | 17" TFT     | 19" TFT                    | 21.5" TFT | 24" TFT   |
| Resolution                 | 1024 x 768                                                                                                           | 1024 x 768 | 1280 x 1024 | 1280 x 1024                | 1920*1080 | 1920*1080 |
| Colors                     | 16.7M                                                                                                                | 16.7M      | 16.7M       | 16.7M                      | 16.7M     | 16.7M     |
| Luminance                  | 350 cd/m2                                                                                                            | 300 cd/m2  | 350 cd/m2   | 250 cd/m2                  | 250 cd/m2 | 250 cd/m2 |
| Contrast Ratio             | 800:1                                                                                                                | 2500:1     | 1000:1      | 1000 : 1                   | 3000 : 1  | 1000 : 1  |
| View Angle (H/V)           | 160°/160°                                                                                                            | 176°/176°  | 170°/160°   | 170°/160°                  | 176°/176° | 170°/160° |
| SYSTEM                     |                                                                                                                      |            |             |                            |           |           |
| CPU                        | Intel® Celeron® Processor J6412 , 2.60GHz , TDP 10W                                                                  |            |             |                            |           |           |
| Memory                     | 2 x DDR4 3200MHz, Dual Channel SO-DIMM, up to 32GB                                                                   |            |             |                            |           |           |
| Storage                    | 1 x SATA 3.0                                                                                                         |            |             |                            |           |           |
| OS Support                 | Windows® 11 (64bit)                                                                                                  |            |             | Linux (Support by request) |           |           |
|                            | Windows® 10 (64bit)                                                                                                  |            |             |                            |           |           |
| I/O Ports                  | * The I/O interface shown may vary depending on the selected motherboard.                                            |            |             |                            |           |           |
| M12 RS232                  | 2                                                                                                                    |            |             | M12 USB 2.0                | 2         |           |
| M12 GLAN                   | 2                                                                                                                    |            |             |                            |           |           |
| Expansion Slot             |                                                                                                                      |            |             |                            |           |           |
| M.2                        | 1 x M-key 2242/2280 (PCIe Gen.3x2/SATA interface) Support NVME                                                       |            |             |                            |           |           |
|                            | 1 x B-key 3042 (USB3.1/USB2.0 interface) support W/SIM card slot                                                     |            |             |                            |           |           |
|                            | 1 x E-Key 2230 (USB 2.0/PCIe 3.0 x1)                                                                                 |            |             |                            |           |           |
| MECHANICAL & ENVIRONMENTAL |                                                                                                                      |            |             |                            |           |           |
| Operation Temp.            | 0 ~ 45°C                                                                                                             |            |             |                            |           |           |
| Storage Humidity           | 10 ~ 90%, non-condensing                                                                                             |            |             |                            |           |           |
| Form Factor                |                                                                                                                      |            |             |                            |           |           |
| Touch Screen               | 15"/17"/19" : PCT / 5W ( Single touch )                                                                              |            |             |                            |           |           |
|                            | 12"/15"/17"/19"/21.5"/24" : Projected Capacitive Multi-Touch Panel                                                   |            |             |                            |           |           |
| Mounting                   | VESA mount (100x100mm) & Yoke mount                                                                                  |            |             |                            |           |           |
| WIFI Optional              | External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance |            |             |                            |           |           |
| Power adaptor              | Full IP67 Waterproof Power adaptor : Specifications may vary by country                                              |            |             |                            |           |           |
|                            | ( 75W / 100 ~ 305V AC input / 12V DC output ) / ( 75W / 100 ~ 305V AC input / 24V DC output )                        |            |             |                            |           |           |

