

## IPCI-IPK-Series:

# WATERPROOF INDUSTRIAL PC

### Product Features

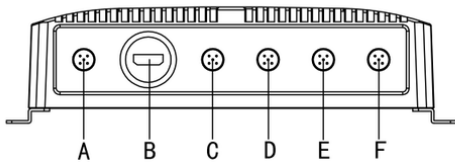
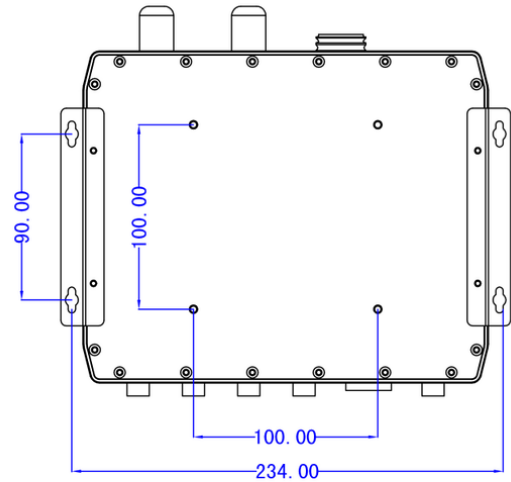
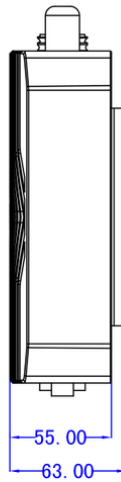
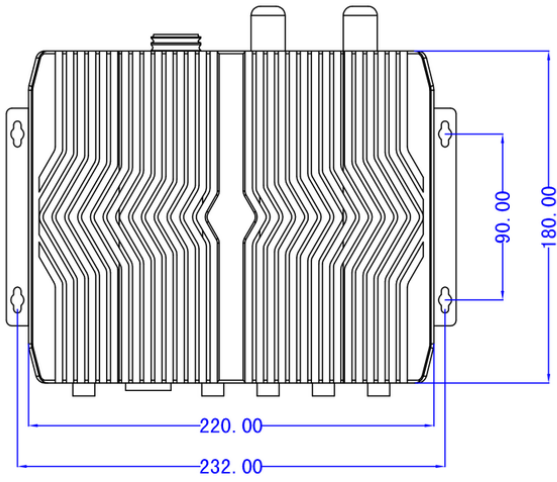
- Intel Atom X6425E
- Intel Celeron J6412
- 4 - 32GB DDR4L RAM
- 1 x LAN
- 1 x COM
- 2 x USB
- Aluminium housing, fanless
- Waterproof M12-connector
- Full system IP67 / IP69K level dustproof & waterproof
- Operating Temp. -30°C to 70°C
- Input voltage range 9~36VDC (Atom CPU)
- Optional: WLAN, BT, LTE



**Specifications**

| <b>System</b>         |   |  |
|-----------------------|---|--|
| CPU                   | Intel Celeron J6412 Quad-core 2.0GHz                    | Intel Celeron J1900 Quad-core 2.0GHz       |
| L2 Cache              | 1.5MB   | 2.0MB                                      |
| TDP                   | 10W   | 10W  |
| System Chipset        | Integrated with Intel SoC                               | Integrated with Intel SoC                  |
| Memory                | 1 x DDR4L 3200MHz 4GB, MAX 32GB                         | 1 x DDR3L 1333MHz 4GB, Up to 8GB           |
| Harddisk              | 1 x M.2 120G SSD ( 250G / 500G / 2TB) / 1 x 2.5" SATA   | 1 x mSATA 128G SSD / (250G / 500G / 1TB)   |
| Graphics              | Intel UHD Graphics for 10th Gen Intel® Processors       | Intel HD Graphics                          |
| Network               | Intel 226-V GbE LAN                                     | Intel 226-V GbE LAN                        |
| Audio                 | Realtek ACL897 Audio controller                         | Realtek ACL662 Audio controller            |
| TPM                   | TPM 2.0   |  |
| Watchdog Timer        | Software Programmable Supports 1~255 sec. System Reset  |  |
| Operation System      | Windows 10 / 11, Linux, Ubuntu                          | Windows 7 / 8 / 10 , Linux, Ubuntu         |
| <b>I / O</b>          |   |  |
| VIDEO                 | 1 x HDMI  | 1 x HDMI                                   |
| Ethernet              | 2 x M12 Waterproof Giga LAN RJ45 Connector              | 2 x M12 Waterproof Giga LAN RJ45 Connector |
| USB                   | 2 x M12 Waterproof Connector For USB2.0                 | 2 x M12 Waterproof Connector For USB2.0    |
| COM                   | 1 x M12 Waterproof Connector For COM                    | 1 x M12 Waterproof Connector For COM       |
| Wireless Network      | Optional (WiFi / Bluetooth / 4G / 5G )                  | Optional (WiFi / Bluetooth / 4G / 5G )     |
| Other I/O Interface   | 1 x Power Switch  | 1 x Power Switch                           |
| <b>Expansion</b>      |   |  |
| M.2                   | 1*M.2 ( Key-E, 2230, PCIe+USB, Wifi+BT)                 | 1 x mPCe ( PCIe+USB, Wifi+BT+4G)           |
|                       | 1*M.2 ( Key-B, 2242/3052, PCIe/ USB 3.0+USB2.0, 4G/5G ) | 1x SIM Socket                              |
|                       | 1*M.2 ( Key-M, 2280, PCIe x4 NVMe/ SATA, SSD )          |  |
| SIM Socket            | 1x SIM Socket   |  |
| <b>Power</b>          |   |  |
| Power Adapter         | 1 x Optional AC/DC 12V/5A , 60W                         | 1 x Optional AC/DC 12V/5A , 60W            |
| Power Input           | 2-Pin M12 Power Input 9~36VDC, OVP / OCP / RPP          | 2-Pin M12 Power Input 12~24VDC             |
| Power Consumption     | ≤25W  | ≤25W                                       |
| <b>Physical</b>       |   |  |
| Material              | Aluminum Alloy Shell                                    |  |
| Color                 | Grey / Silver / Black                                   |  |
| Product Dimension     | 220 x 180 x 55 mm                                       |  |
| Mounting              | 232 x 90 mm / 100 x 100 mm                              |  |
| Packing Size          | 360 x 180 x 320 mm                                      |  |
| Weight (Net)          | 1.5 KG  |  |
| <b>Environment</b>    |   |  |
| Operating Temperature | -30~70°C  |  |
| Storage Temperature   | -40~85°C (-40~185°F)                                    |  |
| Relative Humidity     | 5%~95%@40°C, non-condensing                             |  |
| Vibration Range       | 1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis |  |
| IP Level              | IP67 / IP69K  |  |
| EMC                   | CE, FCC, Class A, ROHS                                  |  |

Dimensions



Interface Definition:

- A: DC 9V~36V
- B: HD-MI (optional)
- C: USB (optional)
- D: COM (optional)
- E: COM (optional)
- F: LAN (optional)
- G: Power Switch

● Standard VESA holes 100\*100mm

