# ELO-BPC-6412

It adopts all-aluminum alloy structure, fanless and totally enclosed design, light and compact, with low power consumption. It is an industrial product specially designed for a variety of environments. It has rich interfaces, supports expansion, can meet the access of a variety of external devices, and supports 12V-36V wide voltage power supply; The complete machine has good scalability, practicability and EMC compatibility, and is widely used in industrial control, military industry, communication, power and network and other automation fields.
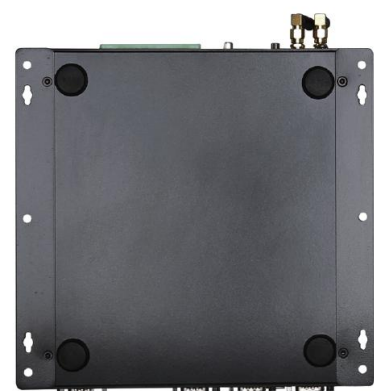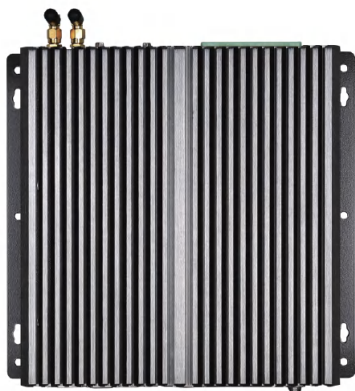
## Features »

- Delicate and compact appearance, convenient installation
- Self-developed X86 architecture motherboard with multiple options
- Fanless totally enclosed design, low power consumption of the whole machine
- High integration, realizing WiFi/Bluetooth/Ethernet triple connection
- Abundant interfaces to meet the needs of various external equipment
- Industrial protection grade, stable system operation

| -20-65°C | 12V-36V | EMC/EMC | IP65 waterproof | Rich interfaces | 7*24H |
|---|---|---|---|---|---|



ISO FC CE CCC RoHS ⑩ ☒

## Product Model »

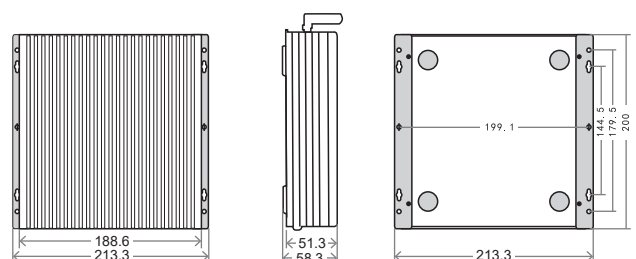| Product model | ELO-BPC-6412 |
|---|---|
| Processor | Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz) |



## Product Installation »



Desktop installation

Rack-mounted

## Product size »



199.1  144.5  179.5  200

188.6
213.3

51.3
58.3

213.3

# Product Specifications  »

## Hardware Configuration

| | |
|---|---|
| CPU | Intel Celeron J6412, 4 cores/4 wires, frequency 2.00 GHz (Maximum RF: 2.7GHz) |
| Integrated Graphics | Intel UHD Graphics 16 EUs |
| Memory | 8GB DDR3(Optional: 4GB) |
| Hard disk | Standard: 256GB SSD (optional 512GB SSD, 1T/2T HDD） |
| WIFI | Support 2.4G/5G dual-band WiFi |
| Bluetooth | Bluetooth 4.0(optional) |
| System | WIN10/11, Ubuntu14.04.6/16.04.7/18.04.5/18.04.6/20.04.1/20.04.3/20.04.4/22.04, Centos7.8/8.4/7.9, Redhat7.4, Debian10.0/11.6 |

## Interface parameters

| | |
|---|---|
| Power interface1 | 1*12P Phoenix terminal (Power supply/RS232*1/RS485*1/GPIO*5) |
| Power interface2 | 1*DC【5.5*2.5mm】Supporting wide voltage 12V-36V power supply |
| Power key | 1*POWER |
| USB | 4*USB 2.0, 2*USB 3.0 |
| Network interface | 2*LAN, 10M/100M/1000M adaptive Ethernet |
| HDMI | 1*HDMI, Supporting HDMI data output, Up to 4K |
| SIM | 1*SIM, Supporting various formats (Depending on 3G/4G module) |
| VGA | 1*VGA |
| Audio interface | 1*Audio I/O, support audio input and output |
| COM | 4*COM (default: RS232, optional: RS485) |
| WiFi antenna | 2*WiFi antenna |
| Grounding post | 1*Grounding post (GND) |

## Reliability parameters

| | | | |
|---|---|---|---|
| Vibration protection | IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis | Working temperature | -10 °C ~60°C |
| Impact protection | IEC 60068-2-27, half sine wave, duration 11ms | Storage temperature | -20 °C ~70 °C |
| Product certification | CCC/CE/FCC/EMC/CB/ROHS | Operating humidity | Humidity: 95% non condensing |

## Other parameters

| | |
|---|---|
| Power input | 12V-36V power input |
| Static power | 15W |
| Chassis structure | The aluminum alloy on the case surface has good seismic resistance and impact resistance |
| Body color | Gun black |
| Overall size | 199.5 * 213.1 * 58.3mm (length * width * height) |
| Operating Weight | 1.9KG |
| Installation method | Support desktop and rack installation |
| Warranty policy | Three years (one year free warranty) |

# Product Installation  »