

NP -6116 -J6412

■ Compact, Fanless, Low power consumption

■ Features

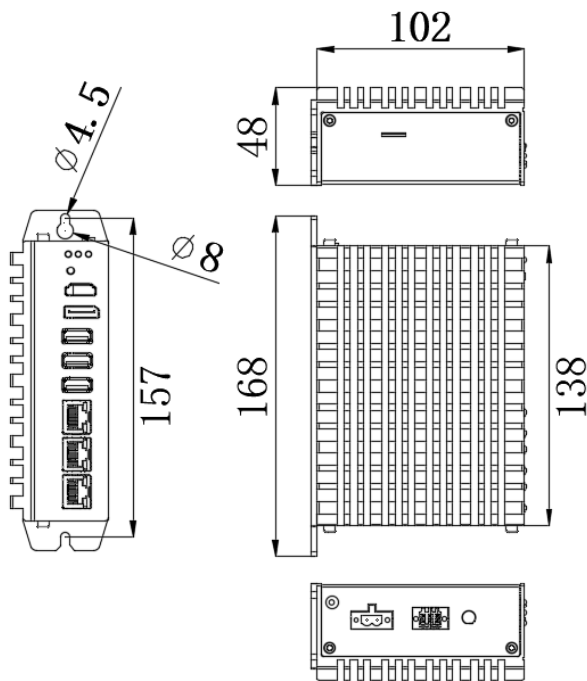
- 3 x GbE LAN controller
- 3 x USB3.1
- 1 x RS232, 1 x RS485
- 1 x miniPCIe expansion slot, support Wifi,3G/4G modules
- 1 x Programmable LED
- HDMI/DP Display
- DC12~24V Power supply with overcurrent, overvoltage and polarity inverse protection
- Support wall-mounted or DIN -Rail fixing style
- Wide operating temperature -20 ~ 60°C supported



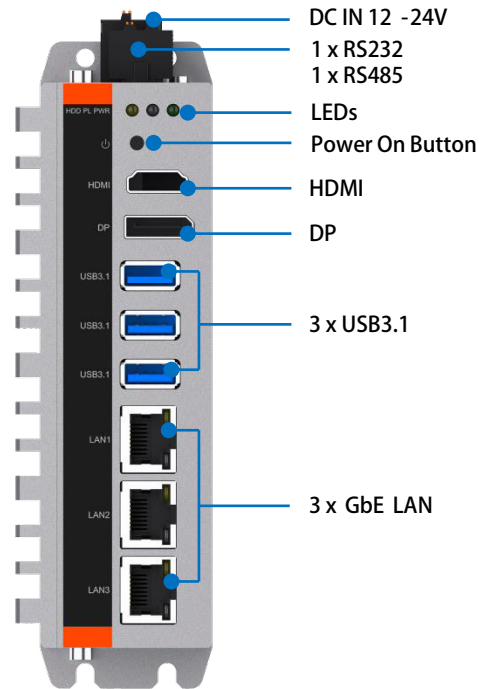
■ Specifications

| Model Name | | NP-6116-J6412 |
|-------------|---------------------|---|
| System | CPU | Intel® Celeron J6412, 2.0~2.6GHz, 4 cores/4 threads, 1.5MB L2 cache |
| | TDP | 10W |
| | BIOS | AMI UEFI 256Mb |
| | Memory | 1 x SO-DIMM DDR4-3200MHz (Up to 32GB) |
| | Storage | 1 x M.2 SSD 2242 |
| | USB | 3 x USB3.1 |
| | COM | 1 x RS232, 1 x RS485 |
| | Ethernet | 3 x Intel GbE LAN |
| | DP | Support up to 4096 x 2160 @60Hz |
| | HDMI | Support up to 3840 x 2160 @60Hz |
| | Expansions | 1 x Full-size PCIe Mini slot with SIM card holder |
| | DO | 1 x Programmable led |
| | Watch Dog | 1~255 levels programmable |
| OS Support | Microsoft Windows | Windows 10 |
| | Linux | Ubuntu |
| Power | Voltage Input | DC12-24V ±10%, overcurrent, overvoltage and polarity inverse protection |
| | Power Consumption | Max. 45W |
| Chassis | Structure | Aluminum-magnesium alloy box, Fanless, Wall-mounted or DIN -Rail |
| | Dimensions | (L)138mm x (W)102mm x (H)48mm |
| | Net Weight | 1.06Kg |
| Environment | Work Temperature | -20 °C ~ 60 °C (-4°F~140°F) with air flow (SSD) |
| | Storage Temperature | -40 °C ~ 80 °C (-40°F ~ 176°F) with air flow (SSD) |
| | Relative Humidity | 5~95% (Non-condensing) |
| | Operating Vibration | 5~500Hz, 1.5Grms@with SSD, Follow IEC60068-2-64 |
| | Operating Shock | 20G peak acceleration(11ms duration) with SSD, Follow IEC600682-27 |
| EMC | CE/FCC Class B | |

■ Dimensions (Unit: mm)



■ Interfaces



■ Ordering Information

| Part No. | Product | Description |
|------------|---------------|--|
| 6070200214 | NP-6116-J6412 | CPU:J6412, RAM:NULL, M.2: NULL, 1 x RS232, 1 x RS485, 3 x LAN, 3 x USB3.1, HDMI/DP display, DC12-24V DC IN |

■ Options

| Parts | Description |
|--------------|------------------------------------|
| DDR4L Memory | DDR4-2400MHz: 4GB, 8GB, 16GB, 32GB |
| M.2 SSD | 64GB, 128GB, 256GB, 512GB, 1TB |
| Wifi Set | mini PCIE: Intel 7260 |
| 3G/4G Module | mini PCIE: EC20, EG25, EC25 |
| Mount Option | DIN-Rail |

Note: If some optional parts are offered with the system, additional system certificates may be required in certain regions/countries. Please contact CCEST for certificate compliance.