# IPC-GS1U51A-PDU

Intel® Celeron® J1900 Processor
Rackmount PC

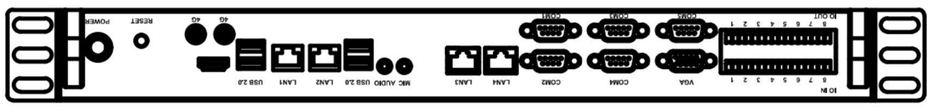
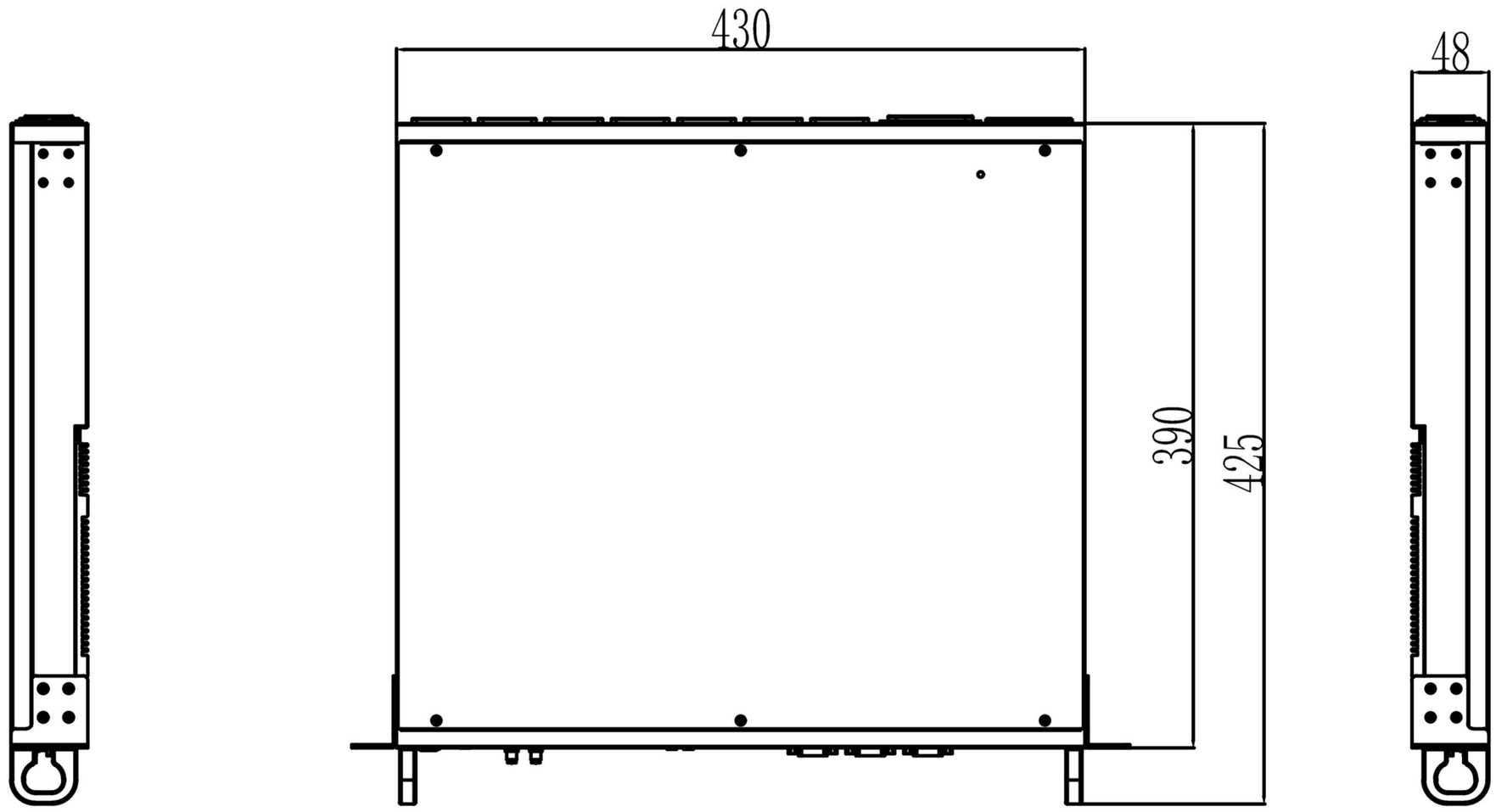
## Features:

- Intel® Celeron® J1900 low power processor
- Sealed fanless dustproof design
- Standard 4GB memory, maximum support 8GB
- 4*USB, 5*serial port, 1*16 GPIO
- 2*Intel® I211 Gigabit network interface, 2*100M network port (PDU occupies one)
- 1*220V 16A AC input, 7*220V AC output
- 1*48V DC-IN, 4*12V DC-OUT

## Specifications:

| System Hardware | | | |
|---|---|---|---|
| Chipset | Intel® Celeron J1900 processor | Watchdog | 0-255 seconds/classification is realized by system software |
| Memory | 4GB DDR3L SO-DIMM(8GB optional) | Power Supply | 48V DC input, 4 channels 12V DC output |
| Storage | 128G mSATAII SSD | | |
| Hardware Monitor | Voltage and CPU temperature monitoring | | |
| **OS** | | | |
| OS | Windows 7/8/10、Linux | | |
| **I/O Ports** | | | |
| USB | 3*USB 2.0，1*USB 3.0 | GPIO | 8 inputs/8 outputs (switch value, with optocoupler isolation and relay isolation) |
| COM | 5*RS232(1-2*RS482/RS422 optional) | | |
| LAN | 2* Intel I211 Gigabit network interface<br>2* Realtec 100M Ethernet port (1 for PDU) | Expand | 1*MINI PCIe (standard 4G module), built-in SIM card slot |
| Audio | Audio output, input | PDU monitoring | 1*220V 16A AC input, 7*220V AC output, with current and voltage monitoring |
| Video | 1*VGA,1*HD | | |
| **Environment** | | | |
| Vibration Protection | 5-19Hz/1.0mm amplitude; 19-200Hz/1.0g acceleration | Operating Temp. | -20℃～70℃ Surface air flow |
| | | Storage Temp. | -40℃～80℃ |
| Shock Protection | 10g acceleration, 11ms period | Humidity | 95% @40℃, non-condensing |
| Reliability | MTBF≥50000h; MTTR≤0.5h | | |

## Mechanical

| | | | |
|---|---|---|---|
| Dimension (LxWxH) | 430mm*390mm*48mm | Material | Aluminum alloy fanless design |
| Color | black | | |

# Dimensions: