

## ACS-2312

Intel Celeron N2930 Processor Expandable Fanless Box PC

Industrial Panel PC

HMI Controller

Industrial  
Display Monitor

Box PC



### Features

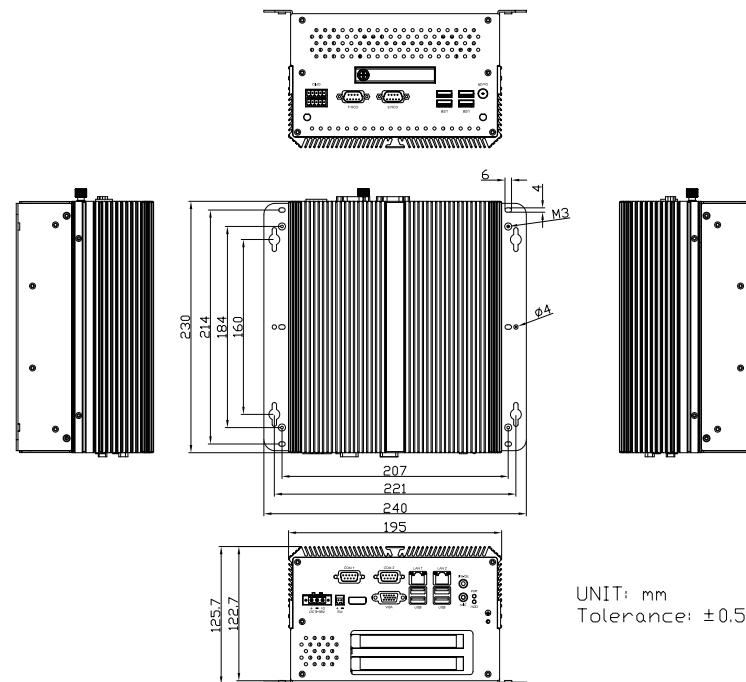
- Intel Celeron N2930(1.83GHz) Processor
- 2 x 204-pin DDR3L SO-DIMM slot up to 8GB
- Easy Accessible Storage Design
- Fanless Design
- Multi-Expansion slot
- Wide Range DC 9~36V Power Input

### Specifications

| System            |                                                                                                                                                                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor         | Onboard Intel Celeron N2930(1.83GHz) Processor                                                                                                                                                                                                  |
| System Chipset    | SoC                                                                                                                                                                                                                                             |
| System Memory     | 2 x 204-pin DDR3L SO-DIMM slot up to 8GB                                                                                                                                                                                                        |
| Outside IO Port   |                                                                                                                                                                                                                                                 |
| Front I/O         | 4 x USB 3.0 type A<br>2 x GbE LAN RJ-45<br>1 x RS-232/422/485 DB-9, COM1, default RS-232<br>1 x RS-232 DB-9, COM2<br>1 x Line-out<br>1 x Mic-in<br>1 x VGA<br>1 x HDMI<br>1 x 3-pin terminal block for DC power input<br>1 x 2-pin power switch |
| Rear I/O          | 1 x RS-422/485 DB-9, COM3, default RS-422<br>1 x RS-232/422/485 DB-9, COM4, default RS-232<br>4 x USB 2.0 Type A<br>1 x 8-bit GPIO (4 x DI, 4 x DO) Digital I/O, 1-5V, 1-GND<br>1 x on/off power button                                         |
| Storage           |                                                                                                                                                                                                                                                 |
| Storage           | 1 x 2.5" SATA HDD bay for SATA2 HDD (Easy Accessible)                                                                                                                                                                                           |
| Expansion         |                                                                                                                                                                                                                                                 |
| Expansion Slot    | 1 x Mini-PCle slot full size<br>(USB2.0 - LPC - SMBus Only, PCIe signal shared with riser expansion slot, selected by BIOS)<br>2 x PCIe x1 slot via TB-526E12 Default                                                                           |
| Power             |                                                                                                                                                                                                                                                 |
| Power Input       | DC 9~36V                                                                                                                                                                                                                                        |
| Power Consumption | MAX: 21.6W                                                                                                                                                                                                                                      |
| Mechanical        |                                                                                                                                                                                                                                                 |
| Construction      | Plating Titanium Gray Aluminum Heatsink and Black Steel Chassis                                                                                                                                                                                 |
| IP Rating         | IP20                                                                                                                                                                                                                                            |
| Mounting          | Wall Mount                                                                                                                                                                                                                                      |
| Dimension         | 230 x 195 x 125.7 mm                                                                                                                                                                                                                            |
| Net weight(kgs)   | 4.3 kg                                                                                                                                                                                                                                          |



### Dimensions


UNIT: mm  
Tolerance: ±0.5

### Environmental

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0~50°C / -20~60°C (option)   |
| Storage Temperature   | -30~70 °C                    |
| Storage Humidity      | 10~90% @40 °C non-condensing |
| Certificate           | CE / FCC Class A             |

### Operating System Support

Windows 7 Pro for Embedded, Windows Embedded Standard 7, Windows Embedded 8.1 Industry Pro, Windows Embedded 8 Standard, Win 10 IoT 2016

### Ordering Information

|             |                                                                                                                                                                                                   |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACS-2312-01 | Fanless Box PC, Intel Celeron N2930 CPU, 4GB DDR3L memory, 32GB MLC SSD, 1 x mini-PCle slot full size, 2 x PCIe x1 slots, DC 9~36V power input with adaptor, Steel chassis with Aluminum heatsink |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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