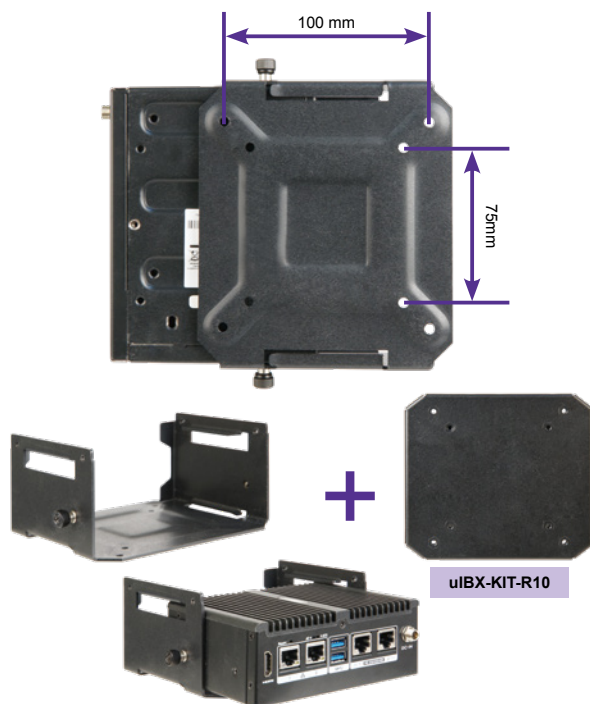
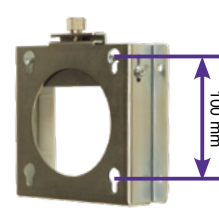


## uIBX-250-BW

Ultra Compact Size

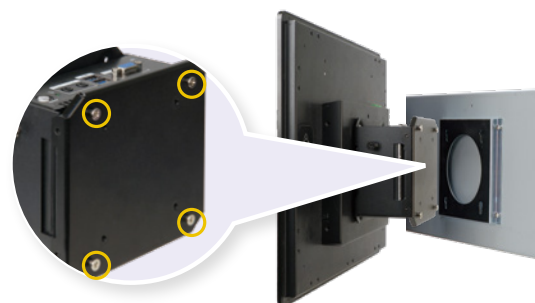
**New****Features**

- Fanless system with Intel® Celeron® N3160 processor
- Dual display
- Two RS-232/422/485
- Full-size PCIe Mini slot for expansion
- Four USB 3.0 ports
- Two GbE LAN ports

**Smart Mounting Design****A. Wall mount**

Assemble the uIBX-250 with the uIBX-KIT-R10 on the back of monitor.

AFLWK-12/AFLWK-19



The monitor with the uIBX-250 can be mounted on the wall easily and support VESA 75/100.

**B. VESA mount 75/100****Step.1**

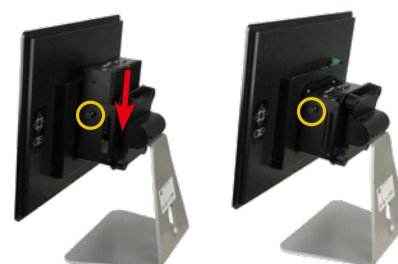
Install the uIBX-KIT-R10 which supports VESA 75/100 on the back of the monitor.

**Step.2**

Assemble the uIBX-250, stand and monitor.

**Step.3**

screw to fix uIBX-250



Mount it on the back of monitor to save even more space, the location the uIBX-250 could be adjusted by user for different applications.

1  
Industrial  
Computing  
Solutions

2  
Video  
Capture  
Solutions

3  
Industrial  
System

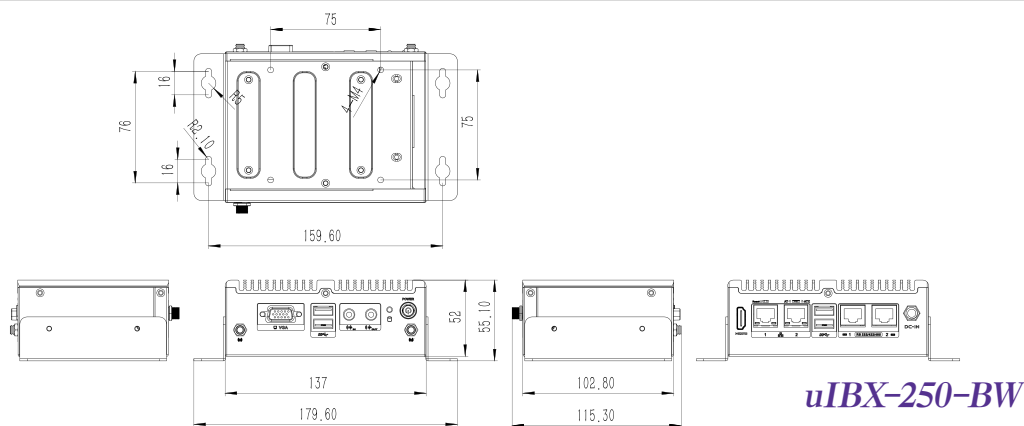
4  
Industrial  
Computer  
Chassis

5  
Power Supply/  
Peripherals

## Specifications

| Model Name     |                         | uIBX-250-BW                                                           |
|----------------|-------------------------|-----------------------------------------------------------------------|
| Chassis        | Color                   | Black                                                                 |
|                | Dimensions (WxDxH) (mm) | 136.6 x 102.4 x 52                                                    |
|                | System Fan              | Fanless                                                               |
|                | Chassis Construction    | Extruded aluminum alloy                                               |
| Motherboard    | CPU                     | Intel® Celeron® N3160 (up to 2.24 GHz, quad-core, 2 MB cache, TDP=6W) |
|                | Chipset                 | SoC                                                                   |
|                | System Memory           | 1 x 204-pin DDR3L SO-DIMM slot (2 GB pre-installed, system max: 8GB)  |
| Storage        | Hard Drive              | 1 x 2.5" SATA 6Gb/s HDD/SSD bay                                       |
| I/O Interfaces | USB 3.0                 | 4                                                                     |
|                | Ethernet                | 2 x RJ-45 PCIe GbE by Intel® I211 controller                          |
|                | COM Port                | 2 x RS-232/422/485 (RJ-45)                                            |
|                | Button                  | 1 x Power button, 1 x AT/ATX switch, 1 x Reset button                 |
|                | Display                 | 1 x HDMI, 1 x VGA                                                     |
|                | Resolution              | HDMI: 3840 x 2160@30MHz, VGA: 1920 x 1200@60Hz                        |
|                | Audio                   | 1 x Line-out, 1 x Mic-in                                              |
|                | Wireless                | 1x 802.11a/b/g/n/ac (optional)                                        |
| Expansions     | PCIe Mini               | 1 x Full-size PCIe Mini (supports mSATA)                              |
| Power          | Power Input             | DC Jack: 12 V DC                                                      |
|                | Power Consumption       | 12V @ 2A (Intel® Celeron® N3160 with 2 GB memory)                     |
| Reliability    | Mounting                | Wall mount, VESA 75                                                   |
|                | Operating Temperature   | -20°C ~60°C with air flow (SSD), 10% ~ 95%, non-condensing            |
|                | Operating Shock         | Half-sine wave shock 5G, 11ms, 3 shocks per axis                      |
|                | Operating Vibration     | MIL-STD-810F 514.5 C-1 (HDD), MIL-STD-810F 514.5 C-2 (SSD)            |
|                | Weight (Net/Gross)      | 470 g/1.4 kg                                                          |
|                | Safety/EMC              | CE/FCC                                                                |
| OS             | Supported OS            | Microsoft® Windows 8, Microsoft® Embedded Standard 7 E                |

## Dimensions (Unit: mm)



## Ordering Information

| Part No.              | Description                                                                                                                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| uIBX-250-BW-N3/2G-R20 | Fanless embedded system with Intel® Celeron® N3160 1.6 GHz (up to 2.24 GHz, quad core, TDP 6 W), 2 GB DDR3L pre-installed memory, 12 V DC, with RS-232/422/485, USB 3.0, VGA/HDMI, dual Intel® PCIe GbE, RoHS |

## Options

| Part No.                | Description                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| EMB-WIFI-KIT01-R20      | 1T1R wifi module kit for embedded system, IEEE802.11a/b/g/n/ac WiFi with Bluetooth 4.0/3.0+HS, 1 x wifi module, 2 x 250mm RF cable, 2 x Antenna, RoHS |
| DK-75-R10               | VESA 75 to DIN-Rail mounting kit                                                                                                                      |
| uIBX-KIT-R10            | uIBX smart mounting kit for monitor and stand                                                                                                         |
| uIBX-250-BW-WES7E64-R10 | OS image with Windows® Embedded Standard 7 E 64-bit for uIBX-250, DVD-ROM, RoHS                                                                       |

## Packing List

|                |                   |                      |                               |
|----------------|-------------------|----------------------|-------------------------------|
| 1 x Utility CD | 1 x Power Adapter | 1 x Mounting Bracket | 2x RS-232/422/485 round cable |
|----------------|-------------------|----------------------|-------------------------------|

1

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