

uIBX-200 Series



uIBX-200-Z510P

- ◆ Internal dual SD card slot for storage expansion
- ◆ Ultra low power processor Intel® Atom™ Z510P
- ◆ Built-in H.264, MPEG1/2/4, VC1/WMV9 decoding



uIBX-200-VX800

- ◆ VIA® Eden™ ULV 1 GHz/500 MHz processor
- ◆ Supports MPEG2, WMV9/VC1 decoding
- ◆ Internal SATA connector (SATA DOM)

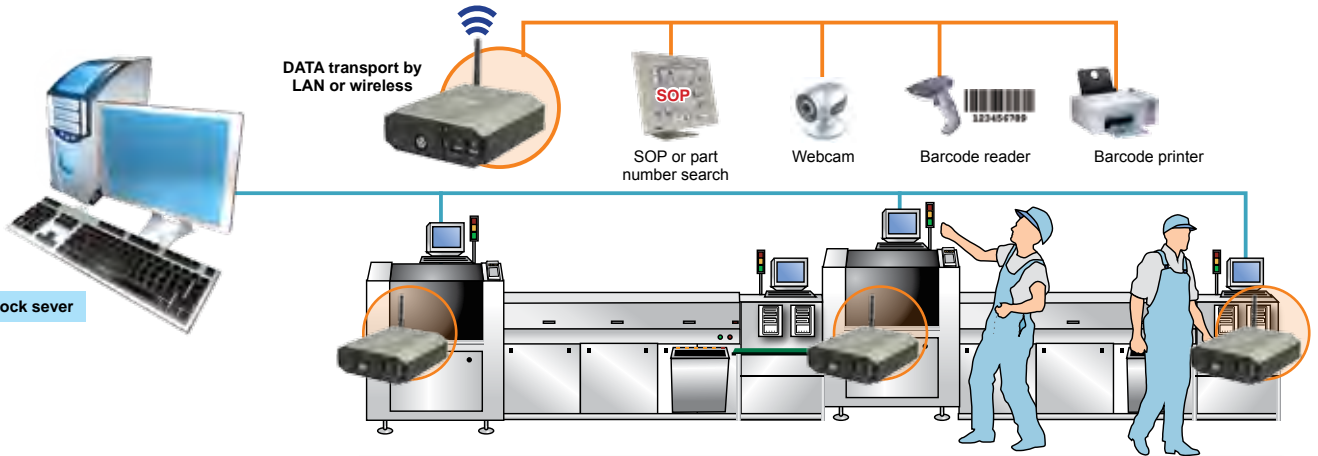


Ultra Compact Size



uIBX-200-VX800 at Production Line

The uIBX-200-VX800 has all the essential functions to work as a thin client on the production line. Operators can read the assembly SOP and search for part numbers online, get constant production schedule updates and other instructions from management. During production, the component barcodes can be collected by the barcode scanner and updated to the production server either by batch or via LAN or Wi-Fi connection. Webcam can also be installed to collect image data during the production process.



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Industrial Computing Solutions

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Video Capture Solutions

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Embedded Computing Solutions

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ORing Network Communication

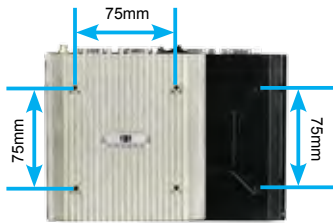
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Power Supply/Peripherals

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Panel Solutions Introduction

Smart Mounting Design



A. Wall mount

VESA 75 support. Easy to mount TOP or BOTTOM side.



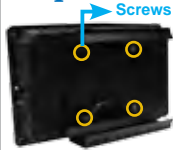
AFLWK-12

uIBX-200 can be mounted directly on the wall with VESA 75 mounting kit



B. VESA mount 75

Step.1



Install the mount kit on the back of the monitor.

Step.2



Assemble the uIBX-200, stand and panel.

Step.3



The direction of the installation can be adjusted for different applications.

C. VESA mount 100



Secure the VK-75100B and panel using screws.

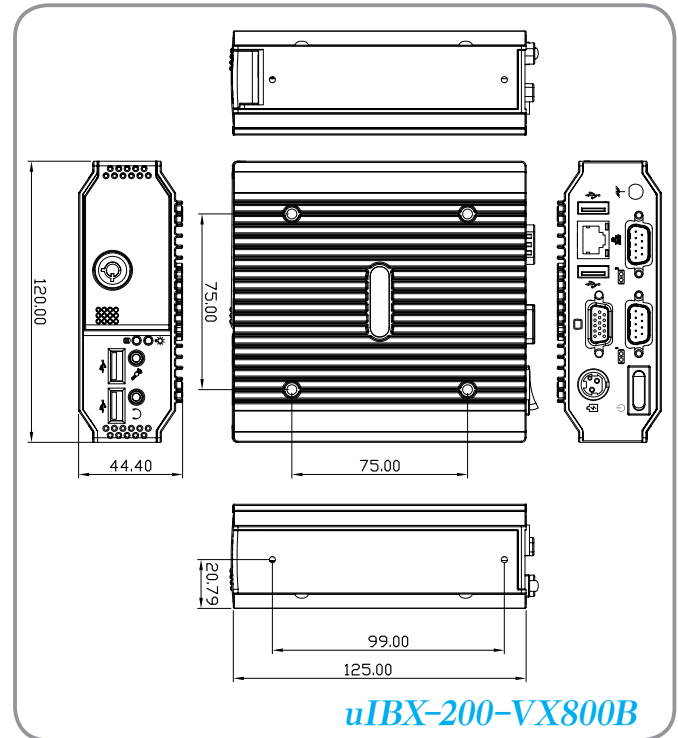


Mount it on the back of an LCD monitor to save even more space and create an all-in-one PC at the same time.

Specifications

| Model Name | | uIBX-200-VX800B | uIBX-200-Z510P |
|----------------|-------------------------|---|---|
| Chassis | Color | Silver | |
| | Dimensions (WxDxH) (mm) | 120 x 120 x 44.4 | |
| | System Fan | Fanless | |
| | Chassis Construction | Aluminum alloys | |
| Motherboard | Processor CPU | VIA® Eden™ ULV 1 GHz | Intel® Atom™ Z510P 1.1 GHz |
| | Chipset | VIA® VX800 | Intel® US15WP |
| | System Memory | On-board DDR2 1 GB memory | On-board DDR2 1 GB memory |
| Storage | CF Card/CFast | 1 x CF Type II | |
| I/O Interfaces | USB 2.0 | 4 | |
| | Ethernet | 1 x RJ-45 1 x PCIe GbE by Realtek 8111CP | |
| | RS-232 | 2 x DB-9 | |
| | Display | 1 x VGA | |
| | Resolution | VGA: Up to 1920 x 1440@60Hz | VGA: Up to 1600 x 1200@60Hz |
| | Audio | 1 x Line-out, 1 x Mic-in | |
| | Wireless | 1 x 802.11b/g/n (optional) | |
| Expansions | PCIe Mini | 1 x Full size (reserved for Wi-Fi module) | |
| Power | Power Input | DC Jack: 5 V DC | |
| | Power Consumption | 5 V@2.52 A (VIA® Eden™ 500MHz DDR2 512MB) 5 V@3.2 A (VIA® Eden™ 1 GHz DDR2 1 GB) | 12 V@1.98 A (Intel® Atom™ Z510P with 1 GB DDR2 memory) |
| Reliability | Mounting | VESA 75/100 | |
| | Operating Temperature | 0°C ~50°C with air flow (CF), 5% ~ 95%, non-condensing | |
| | Operating Shock | Half-sine wave shock 3G, 11ms, 3 shocks per axis | |
| | Operating Vibration | Meet MIL-STD-810F 514.5C-2 | |
| | Weight (Net/Gross) | 480 g/1.5 kg | |
| | Safety/EMC | CE/FCC | |
| OS | Supported OS | Microsoft® Windows® XP Embedded , Microsoft® Windows® CE 5.0 | |

Dimensions (Unit: mm)



Packing list

| |
|--|
| 1 x QIG |
| 1 x Driver CD |
| 2 x Keys (Part No.: 457007-003103-00-RS) |
| 1 x Screw set |
| 1 x 5V 25W Power adapter (with PSE/ErP Certified) (Part No.: 63000-FSP025DGAA1702-RS) |
| 1 x 2dbi Wireless antenna (for wireless model only) |
| 1 x One Key Recovery CD |

Ordering information

uIBX-200-Z510P

| Part No. | Description |
|-------------------------|---|
| UIBX-200-R11/Z510P/1GB | Fanless embedded system with Intel® Atom™ Z510P 1.1 GHz CPU, US15WP system chipset, on-board 1 GB DDR2 memory, 5 V DC in, 25W power adapter with ErP & PSE certificate, RoHS |
| UIBX-200W-R11/Z510P/1GB | Fanless embedded system with Intel® Atom™ Z510P 1.1 GHz CPU, US15WP system chipset, on-board 1 GB DDR2 memory, built-in TELEC Certified 802.11b/g/n wireless, 5 V DC in, 25W power adapter with ErP & PSE certificate, RoHS |

uIBX-200-VX800

| | |
|--------------------------|---|
| UIBX-200-R21/VX800B/1GB | Fanless embedded system with VIA® Eden™ ULV 1 GHz CPU, VX800 chipset, on-board 1 GB DDR2 memory, 5 V DC-In, 25W power adapter with ErP & PSE certificates, black, ROHS |
| UIBX-200W-R21/VX800B/1GB | Fanless embedded system with VIA® Eden™ ULV 1 GHz CPU, VX800 chipset, on-board 1 GB DDR2 memory, built-in TELEC Certified 802.11b/g/n wireless, 5 V DC-In, 25W power adapter with ErP & PSE certificates, black, ROHS |

Embedded OS options

| | |
|-------------------------|---|
| UIBXCF-200-US15WP-CE060 | Windows® CE 6.0 OS image, for uIBX-200-US15WP, with 128 MB CompactFlash® memory card, RoHS |
| UIBXCF-200-US15WP-XPE | Windows® XP Embedded OS image, for uIBX-200-US15WP, with 1 GB CompactFlash® memory card, RoHS |
| UIBXCF-200-VX800-CE060 | Windows® CE 6.0 OS image, for uIBX-200-VX800, with 128 MB CompactFlash® memory card, RoHS |
| UIBXCF-200-VX800-XPE | Windows® XP Embedded OS image, for uIBX-200-VX800, with 1 GB CompactFlash® memory card, RoHS |

Mounting kit

| | |
|-------------|---------------------------------------|
| UIBXVK-200B | VESA 75 mount kit for uIBX-200, black |
| VK-75100B | VESA mount 75 to100 adapter, black |

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