

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)

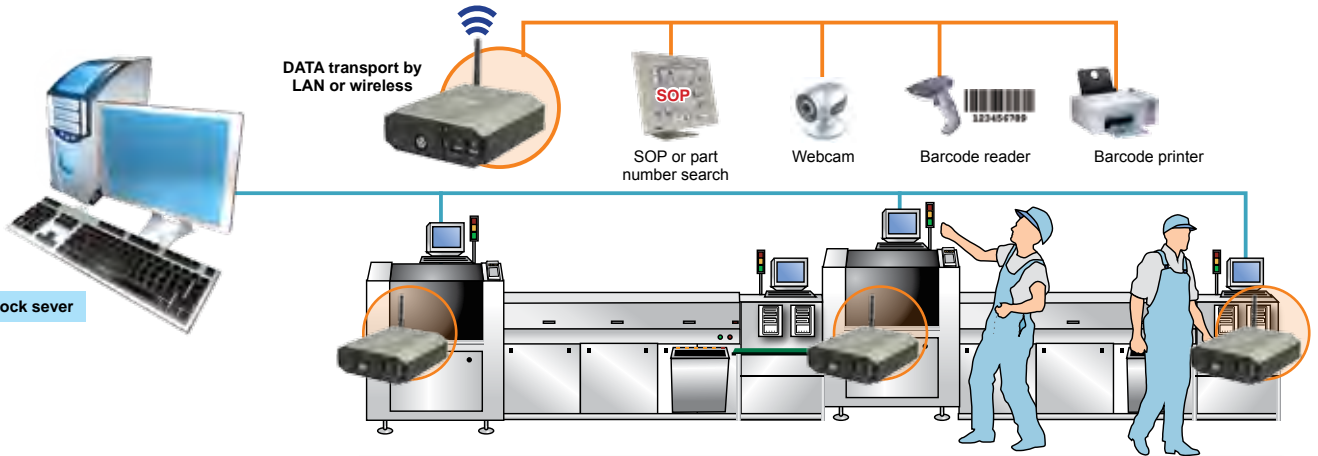


Ultra Compact Size



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

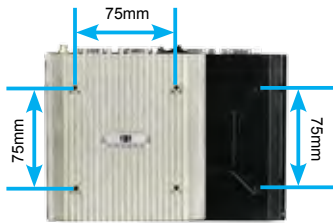
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Power Supply/Peripherals

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Panel Solutions Introduction

Smart Mounting Design



A. Wall mount

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



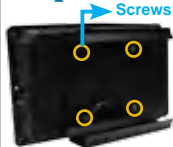
AFLWK-12

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.

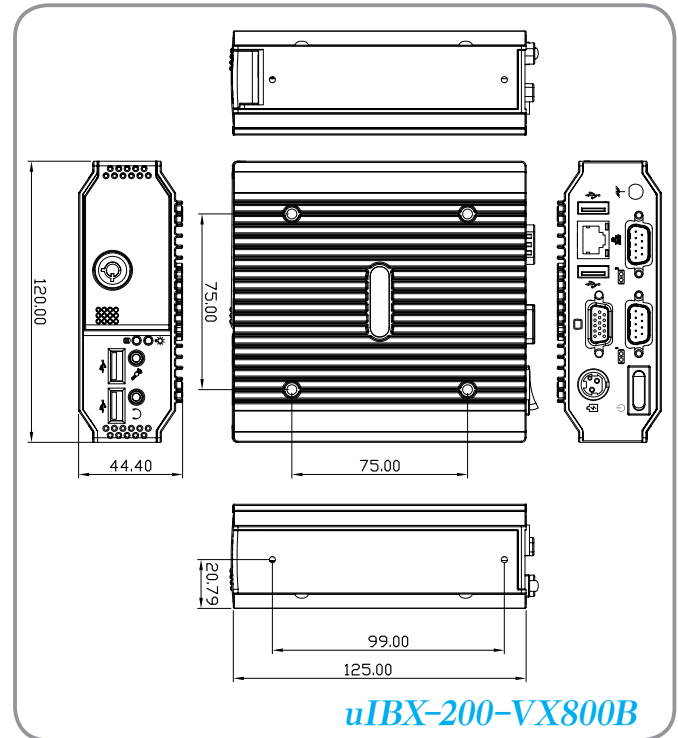


Mount it on the back of an LCD monitor to save even more space and create an all-in-one PC at the same time.

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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