

uIBX-200 Series



uIBX-200-Z510P

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



uIBX-200-VX800

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



On Board Memory

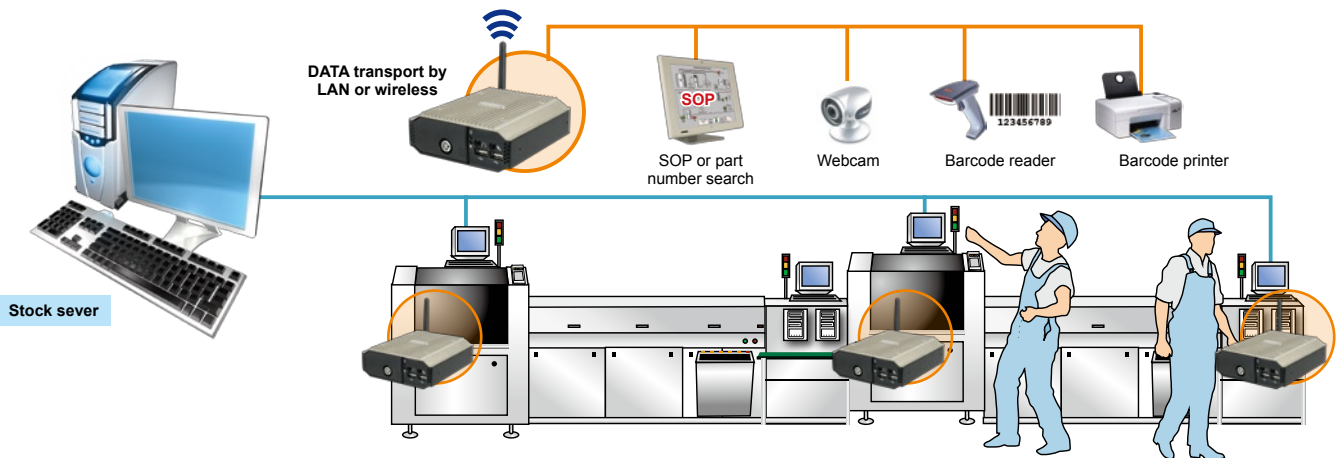


Ultra Compact Size

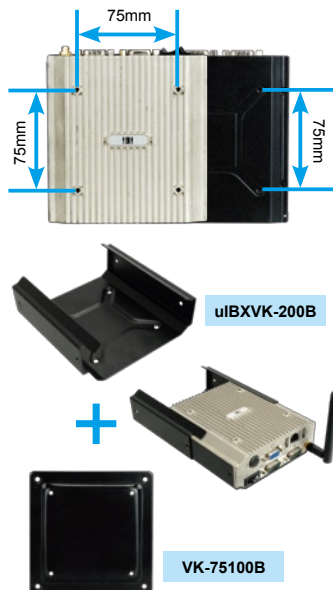


uIBX-200-VX800 at Production Line

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



Smart Mounting Design



A. Wall mount

VESA 75 support. Easy to mounting whatever TOP side or BOTTOM side.



AFLWK-12

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

B. VESA mount 75

Step.1



Install the mount kit in back of monitor.

Step.2



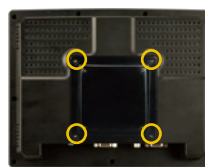
Assembling uIBX-200, stand and panel.

Step.3



As different applications, the direction of assembling can be changed.

C. VESA mount 100



Screw to fix VK-75100B and panel

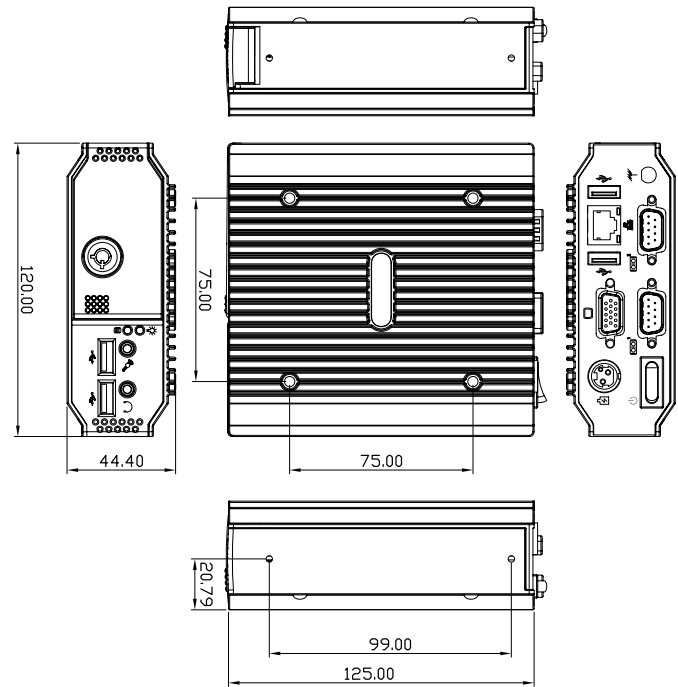


Mount it on the back of an LCD monitor to save even more space and create an all-in-one PC at the same time.

Specifications

Model Name		uIBX-200-VX800A (uIBX-200-VX800B)	uIBX-200-Z510	
Platform		VIA	Intel®	
Chassis	Color	Metallic		
	Dimensions	120 x 120 x 44.4mm		
	Chassis Construction	Aluminum Alloy casing, Plastic front panel		
Motherboard	Motherboard Model	System Board		
	M/B Size	System Board		
	Processor CPU	VIA® Eden™ ULV 500MHz (1GHz)	Intel® Atom™ Z510P 1.1GHz	
	Chipset	VIA VX800	Intel® US15WP	
	System Memory	512MB (1GB) DDR2 onboard memory	1GB DDR2 onboard memory	
Storage	CompactFlash®	1		
System Function	USB 2.0	4		
	Ethernet	1 x Realtek 8111CP PCIe GbE		
	RS-232	2 x RS-232		
	Display	1 x VGA		
	Resolution	1920x1440@60Hz	1600x1200@60Hz	
	Audio	1 x mic in, 1 x speaker out		
	Wireless	1 x 802.11 b/g/n		
	Expansion	1 x PCIe Mini Card slot (reserved for wifi)		
	Power	Power Input	5VDC in, AT mode only	
		Power Consumption	uIBX-200-VX800: 5V@2.52A (VIA Eden 500MHz, DDR2 512MB) 5V@3.20A (VIA Eden 1GHz, DDR2 1GB) uIBX-200-Z510: 5V@2.04A (Intel® Z510PT 1.1G GHz, DDR2 1GB)	
Reliability	Mounting	VESA mount, double VESA mount w/VESA adaptor		
	Operating Temperature	0°C ~ 50°C		
	Operating Shock	Half sine wave 3G; 11ms 3axis		
	Operating Vibration	Meet MIL-STD-810F 514.5C-2		
	Weight (Net/Gross)	480g/1.5kg		

Dimensions (Unit: mm)



Packing List

- 1 x QIG
- 1 x Driver CD
- 2 x keys (P/N: 457007-003103-00-RS)
- 1 x Screw set
- 1 x 5V 25W power adaptor (with ERP/PSE certificate) (P/N:63000-FSP025DGAA1702-RS)
- 1 x 2dbi wireless antenna (for wireless model only)

Ordering Information

uIBX-200-Z510P

Part No.	Description
UIBX-200-R11/Z510P/1GB	Fanless embedded system with Intel® Atom™ Z510P 1.1GHz CPU, US15WP system chipset, onboard 1GB DDR2 memory, 5VDC in, 25W power adaptor with ERP & PSE certificate, RoHS
UIBX-200W-R11/Z510P/1GB	Fanless embedded system with Intel® Atom™ Z510P 1.1GHz CPU, US15WP system chipset, onboard 1GB DDR2 memory, built-in 802.11b/g/n wireless, 5VDC in, 25W power adaptor with ERP & PSE certificate, RoHS

uIBX-200-VX800

UIBX-200-R21/VX800A/512MB	Fanless embedded system with VIA Eden ULV 500Hz CPU, VX800 chipset, onboard 512MB DDR2 memory, 5VDC-In, 25W power adapter with ERP & PSE certificates, black, ROHS
UIBX-200W-R21/VX800A/512MB	Fanless embedded system with VIA Eden ULV 500Hz CPU, VX800 chipset, onboard 512MB DDR2 memory, built-in 802.11b/g/n wireless, 5VDC-In, 25W power adapter with ERP & PSE certificates, black, ROHS
UIBX-200-R21/VX800B/1GB	Fanless embedded system with VIA Eden ULV 1GHz CPU, VX800 chipset, onboard 1GB DDR2 memory, 5VDC-In, 25W power adapter with ERP & PSE certificates, black, ROHS
UIBX-200W-R21/VX800B/1GB	Fanless embedded system with VIA Eden ULV 1GHz CPU, VX800 chipset, onboard 1GB DDR2 memory, built-in 802.11b/g/n wireless, 5VDC-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 1GB 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 1GB CompactFlash® memory card, RoHS

Mounting kit

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

1

Industrial Computing Solutions

2

Video Capture Solutions

3

Embedded Computing Solutions

4

Industrial Data Collector and Controller

5

Panel Solutions Introduction

6

ORing Network Communication

7

Power Supply/ Peripherals