uIBX-200 Series

intel Embedded Alliance

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

VX800 IGP Chipset

uIBX-200-VX800

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

Fanless

On Board Memory

Gigabit Ethernet

CF Slot

Lockable Door
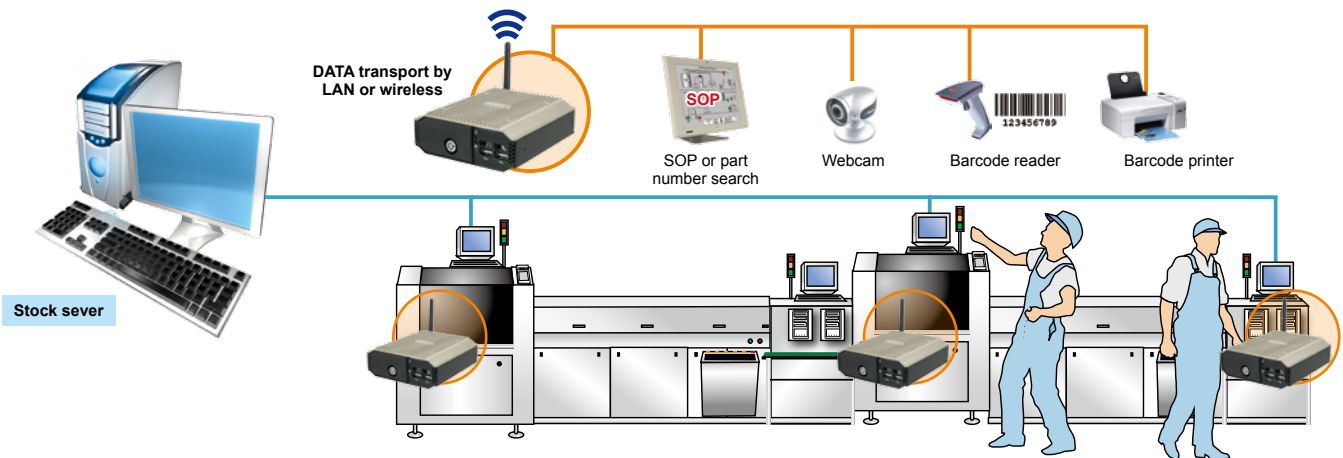
WiFi CERTIFIED b g

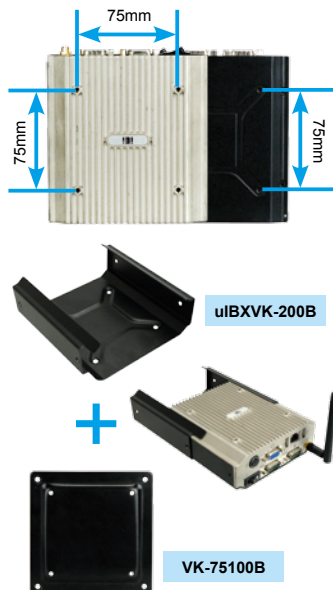**Ultra Compact Size**

500g only

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.

DATA transport by LAN or wireless

SOP or part number search

Webcam

Barcode reader

Barcode printer

Stock sever

Smart Mounting Design

75mm

75mm

75mm

uIBXVK-200B

VK-75100B

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
→ Screws

Install the mount kit in back of monitor.

Step.2

Assembling uIBX-200, stand and panel.

Step.3 Screw to fix uIBX-200

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

C. VESA mount 100
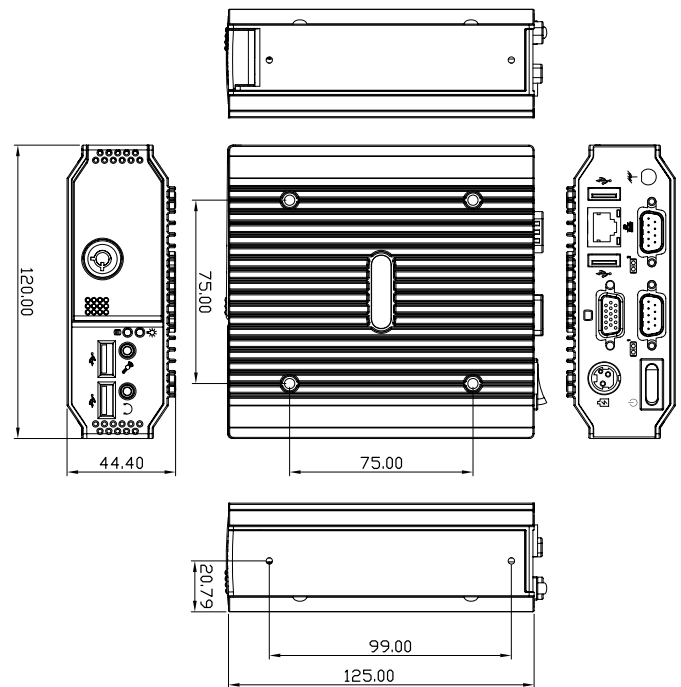
Screw to fix VK-75100B and panel

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	
	Resoluiton	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, doule 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

Part No.	Description
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

Part No.	Description
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

Part No.	Description
UIBXVK-200B	VESA 75 mount kit for uIBX-200, black
VK-75100B	VESA mount 75 to100 adapter, black