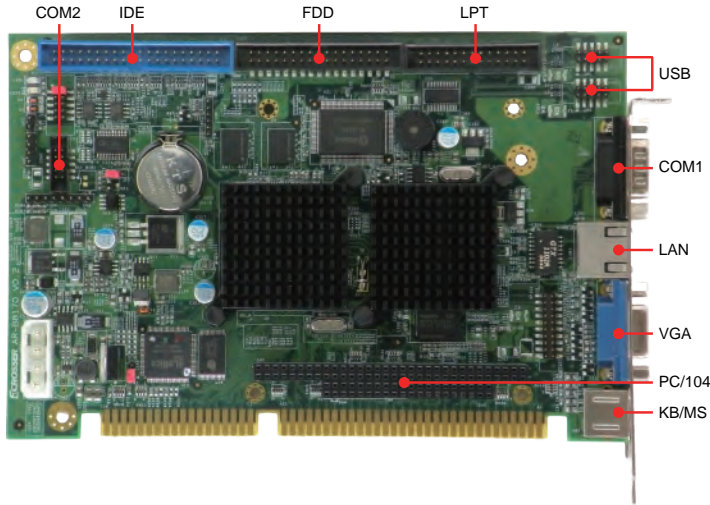


# AR-B8170

Fanless ISA Bus SBC with DM&P Vortex86DX 800MHz, VGA, LAN, FDD, IDE, 2 x COM, 4 x USB2.0

ISA Half-Size



## Features

- Fanless Design
- Onboard DM&P Vortex86DX 800MHz
- Onboard 256MB DDR2 SDRAM  
512KB SRAM
- PC/104 Interface
- 2 x COM, 4 x USB2.0, VGA,
- 1 x 10/100 LAN



PC/104

Industrial Computing

## Specification

Specification	
<b>CPU</b>	Onboard DM&P Vortex86DX 800MHz
<b>Chipset</b>	-
<b>Front Side Bus</b>	-
<b>Memory</b>	Onboard 256MB DDR2 SDRAM
Video	
<b>Graphic Controller</b>	XGI Z9s
<b>Video Memory</b>	64MB
<b>Video Interface</b>	1 x VGA (DB15)
Storage	
<b>IDE</b>	1 x IDE (40-pin) support Ultra DMA33/66/100
<b>SATA</b>	-
<b>CF</b>	-
<b>SD</b>	1 x SD socket
<b>FDD</b>	1 x Floppy disk drive 3.5"
I/O	
<b>Expansion Slot</b>	1 x PC/104
<b>Ethernet</b>	1 x 100Mbps RJ45 with LED, DM&P Vortex86DX
<b>Serial Port</b>	<ul style="list-style-type: none"> <li>● 1 x RS-232 (DB9)</li> <li>● 1 x RS-232/422/485 (Pin header)</li> </ul>
<b>USB</b>	4 x USB2.0 (4 x pin header)
<b>GPIO</b>	16-bit Digital I/O
<b>Parallel Port</b>	1 x LPT
<b>Keyboard/Mouse</b>	1 x PS/2
<b>Audio</b>	-
Hardware Feature	
<b>Hardware Monitoring</b>	-
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
Power Requirement	
<b>Power Input</b>	<ul style="list-style-type: none"> <li>● AT : 12V single voltage input (default set as AT mode)</li> <li>● ATX : power switch pin header and pin head for external 5V stand-by input</li> </ul>
Software	
<b>OS Support</b>	Windows XP, Linux, DOS
Mechanical & Environment	
<b>Dimension</b>	185mm x 122mm (7.29" x 4.81")
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	0 to 90% @ 40°C, non-condensing
<b>Safety</b>	CE, FCC class A

## Packing List

- 1 x AR-B8170
- 1 x Quick user guide
- 1 x Driver CD

## Ordering Information

- |                  |  |
|------------------|--|
| <b>AR-B8170</b>  | 1 x AR-B8170   |
| <b>Accessory</b> | ACC-8170:  |
|                  | <ul style="list-style-type: none"> <li>● 1 x IDE cable (40-pin)</li> <li>● 1 x PS/2 keyboard and mouse cable</li> <li>● 1 x 2 ports USB cable with bracket</li> <li>● 1 x COM + LPT cable with bracket</li> <li>● 1 x FDD cable</li> </ul> |

## Dimensions

