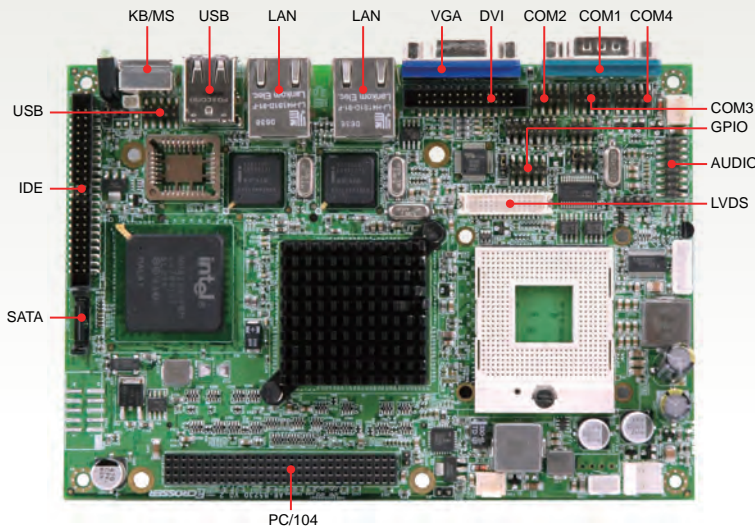


# AR-B5230

EPIC SBC support Intel uFC-PGA 478 Pentium/Celeron M  
with Giga LAN/VGA/LVDS/DVI/5.1 CH Audio



## Features

- ✓ Intel 915GME + ICH6M
- ✓ Support Pentium/Celeron M
- ✓ Support 400/533MHz DDR2 SDRAM
- ✓ VGA/DVI-D/LVDS
- ✓ 2 x Giga LAN
- ✓ PCI-104 Expansion
- ✓ COM, USB2.0, GPIO, SATA, IDE, CFII, Audio

Embedded SBC

## Specification

### System

<b>CPU</b>	Socket 478 support Intel Pentium/Celeron M
<b>Chipset</b>	Intel 915GME + Intel ICH6M
<b>Front Side Bus</b>	400/533MHz
<b>Memory</b>	1 x 200-pin SO-DIMM socket support 400/533MHz DDR2 SDRAM up to 1GB

### Video

<b>Graphic Controller</b>	Intel 915GME integrated GMA 900 graphic controller
<b>Video Memory</b>	DVMT 3.0, Maximum 256MB shared
<b>Video Interface</b>	<ul style="list-style-type: none"> <li>• 1 x VGA port (DB15)</li> <li>• 1 x DVI-D (Pin header)</li> <li>• 1 x Dual Channel 18-bit LVDS (Pin header)</li> </ul>

### Storage

<b>IDE</b>	1 x E-IDE (44-pin)
<b>SATA</b>	1 x SATA I port
<b>CF</b>	1 x Compact Flash Type I/II socket (support UDMA)
<b>SD</b>	-

### I/O

<b>Expansion Slot</b>	1 x PCI-104 slot
<b>Ethernet</b>	• 2 x 100Mbps RJ45 with LED, Intel WG82574L
<b>Serial Port</b>	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
<b>USB</b>	4 x USB2.0 (2 x external port, 2 x pin header)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	-
<b>PS/2</b>	1 x PS/2
<b>Audio</b>	Realtek ALC655

### Hardware Feature

<b>Hardware Monitoring</b>	<ul style="list-style-type: none"> <li>• CPU voltage</li> <li>• CPU and system temperature</li> <li>• CPU and fan speed</li> </ul>
<b>WatchDog Timer</b>	Software programmable 1~255 sec.

### Power Requirement

<b>Power Input</b>	12V (+/-5%) single voltage input
<b>Power Consumption</b>	46.8W without external devices, 3.9A@12V

### Software

<b>OS Support</b>	Windows Vista/XP/XP Embedded, Linux
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### Mechanical & Environment

<b>Dimension</b>	115mm x 165mm (4.53" x 6.50")
<b>Weight</b>	Net: 233g (0.5Lb), Gross: 775g (1.7Lb)
<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-B5230
- 1 x Quick user guide
- 1 x Utility CD
- 1 x Cooler

### Ordering Information

<b>AR-B5230</b>	1 x AR-B5230
<b>Accessory</b>	<p>ACC-5230:</p> <ul style="list-style-type: none"> <li>• 1 x Power cable (ATX)</li> <li>• 1 x Power cable (AT)</li> <li>• 1 x IDE cable (44-pin)</li> <li>• 1 x PS/2 keyboard and mouse cable</li> <li>• 1 x Audio cable (Line-in/Line-out/Mic-in)</li> <li>• 1 x USB cable</li> <li>• 2 x COM port (DB9)</li> <li>• 1 x SATA cable</li> </ul>

## UNITRONIX Pty Ltd

PO Box 486, Morisset NSW 2264

NSW: Tel: 61 2 4977 3511 Fax: 61 2 4977 3522

WA: Tel: 61 8 9455 2424 Fax: 61 8 9455 2458

unitsyd@unitronix.com.au www.unitronix.com.au