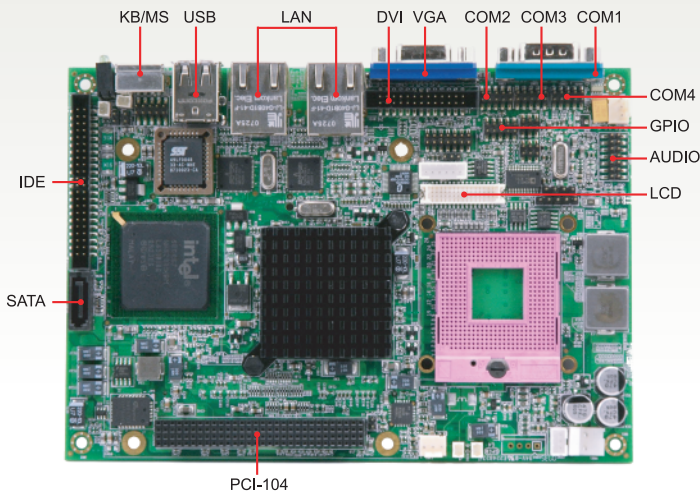




# AR-B5630

EPIC SBC support 65nm Intel uFC-PGA 478 Core 2 Duo/Core Duo/Core Solo/Celeron M Processors with Dual Gigabit LANs / LCD / TV out / DVI

Embedded SBC



## Features



- ✓ Intel GME965 + ICH8M
- Support Socket P Core 2 Duo/Celeron M CPU
- 533/800MHZ FSB
- ✓ Support 400/533/667/800 MHz DDR2 RAM
- ✓ VGA / DVI / LVDS
- ✓ Dual 24bit LVDS
- ✓ Dual Gbps Ethernet
- ✓ 2 X SATA interface
- ✓ PCI-104 expansion
- ✓ Audio,USB
- 2.0,IDE,CFII,COM,GPIO

## SPECIFICATION

### System

<b>CPU</b>	Socket P support Intel 65nm Core 2 Duo M FSB 800MHz CPU
<b>Chipset</b>	Intel GME965+Intel ICH8M
<b>Front Side Bus</b>	800MHz
<b>Memory</b>	One SO-DIMM socket support 533/667/800 DDR2 SDRAM up to 2GB
<b>Battery</b>	One time Li-Ion CR2032 220mAh for RTC
<b>BIOS</b>	Award
<b>Hardware Monitoring</b>	Yes
<b>WatchDog Timer</b>	Software programmable 1~255 sec.
<b>OS</b>	Windows Vista/XP/XP Embedded/CE, Linux

### Video

<b>Video Controller</b>	Intel GME965 Integrated GMA X3100 graphics controller
<b>Video Interface</b>	VGA port DVI port 24-bit Dual LVDS port TV Out integrated PWM interface for LCD backlight inverter control

### Ethernet

<b>Connector</b>	2 x RJ45
<b>Controller</b>	Broadcom BCM5787 (10/100/1000)

### Storage

<b>IDE</b>	PATA 44 pin Box header
<b>SATA</b>	Serial ATA 1 Port x 2
<b>SSD</b>	1 x Compact Flash socket

### I/O

<b>Serial Port</b>	RS-232 x 3 RS-232/422/485 x 1
<b>USB Port</b>	2 x External USB 2.0 2 x Internal USB 2.0
<b>Audio</b>	5.1 CH Audio
<b>GPIO</b>	8-bit Digital I/O
<b>Keyboard/Mouse</b>	PS/2 Keyboard and PS/2 Mouse Connector
<b>Expansion Slot</b>	PCI-104

### Mechanical & Environment

<b>Dimension</b>	115mm x 165mm
<b>Power Supply</b>	DC 12V Single Power
<b>Power Mode</b>	AT/ ATX
<b>Indicator</b>	HDD LED Power LED
<b>Operating Temp.</b>	0~60°C(32~140°F), -20°C~60°C(-4~140°F)
<b>Storage Temp.</b>	-20~80°C(-4~176°F)
<b>Relative Humidity</b>	0 to 90% @ 40°C, non-condensing

### Packing List

1. AR-B5630
2. Quick User Guide
3. Driver and Utility CD
4. Cooler with FAN

### Optional

- ACC-5630:
- 1 x Power cable(ATX)
  - 1 x IDE cable (44pin)
  - 1 x PS/2 KeyBoard Mouse cable
  - 1 x Audio cable(Line-in/Line-out/Mic-in)
  - 1 x USB 2.0 Cable for internal port
  - 2 x COM port (DB9)
  - 1 x SATA cable
  - 1 x TV-Out cable (S-Video)
  - 1 x DVI cable