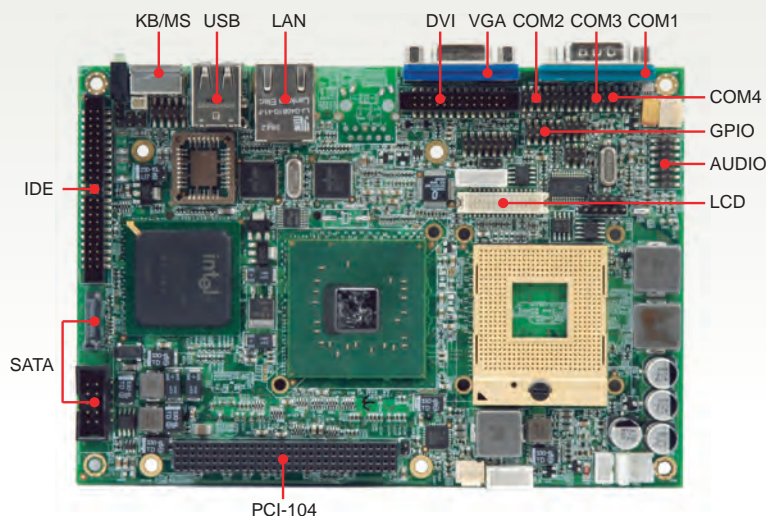


AR-B5430

EPIC SBC support Intel uFC-PGA Socket M Core 2 Duo/Core Duo/
Celeron M Processors with Dual Giga LAN/LCD/TV-Out/DVI/5.1CH Audio

Embedded SBC



Features

- ✓ Intel 945GME + ICH7M
- ✓ Support Intel Core 2 Duo/Core Duo/Celeron M
- ✓ Support 533/667MHz DDR2 SDRAM
- ✓ VGA/DVI-D/LVDS/TV-Out
- ✓ Dual Giga LAN
- ✓ SATA Interface
- ✓ PCI-104 Expansion
- ✓ COM, USB2.0, GPIO, SATA, IDE, CF II, Audio

Specification

System

CPU	Socket M support Intel Core 2 Duo/Core Duo/Celeron M
Chipset	Intel 945GME + Intel ICH7M
Front Side Bus	533/667MHz
Memory	1 x 200-pin SO-DIMM socket support 533/667MHz DDR2 SDRAM up to 2GB

Video

Graphic Controller	Intel 945GME integrated GMA 950 graphic controller
Video Memory	DVMT 3.0, Maximum 224MB shared
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x DVI-D (Pin header) • 1 x Dual Channel 18-bit LVDS (Pin header) • 1 x TV-Out (Pin header)

Storage

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

I/O

Expansion Slot	1 x PCI-104 slot
Ethernet	2 x Gbps RJ45 with LED, Broadcom BCM5787
Serial Port	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
USB	4 x USB2.0 (2 x external port, 2 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	-
PS/2	1 x PS/2
Audio	Realtek ALC655

Hardware Feature

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

Power Requirement

Power Input	12V (+/-5%) single voltage input
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Software

OS Support	Windows Vista/XP/XP Embedded, Linux
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Mechanical & Environment

Dimension	115mm x 165mm (4.53" x 6.50")
Weight	Net: 231g (0.5Lb)
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x AR-B5430
- 1 x Quick user guide
- 1 x Utility CD
- 1 x Cooler

Ordering Information

AR-B5430	1 x AR-B5430
Accessory	ACC-5430:
	<ul style="list-style-type: none"> • 1 x Power cable (ATX) • 1 x IDE cable (44-pin) • 1 x PS/2 keyboard and mouse cable • 1 x Audio cable (Line-in/Line-out/Mic-in) • 1 x USB cable • 2 x COM port (DB9) • 1 x SATA cable