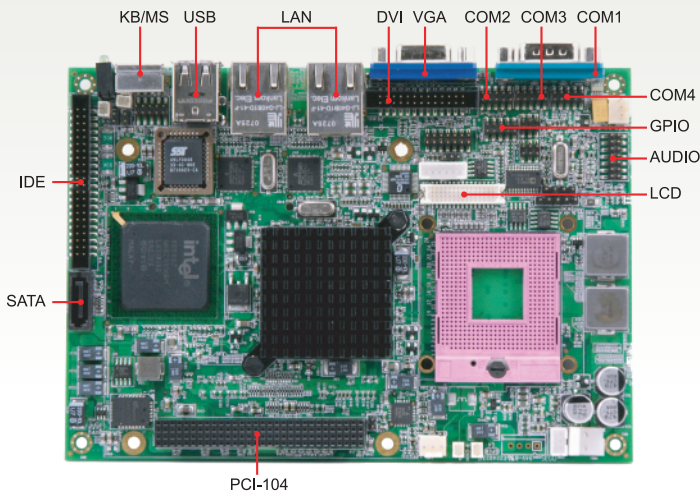


AR-B5630

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

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

Video

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

Ethernet

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

Storage

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

I/O

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

Mechanical & Environment

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