

# AR-B1621

PC104+



## Features

**PC104 Plus Intel Ultra Low Voltage Celeron 400MHz Embedded PC with VGA/LCD, TV-Out, CF, Dual LAN and 4COM**

SDRAM >

4 COM >

PC104+ >

ULV Celeron >

CF >

TV-out >

4 USB 1.1 >

AUDIO >

CRT/LCD >

Dual Ethernet >

Embedded Computing Board

## Specification

### System:

CPU	On board Intel Ultra Low Voltage Celeron 400MHz
Chipset	VIA Twister-T VT8606T + VIA VT82686B
System Memory	1 x 144Pin SO-DIMM up to 256MB SDRAM
BIOS	Phoenix - AWARD PnP Flash BIOS
Expansion Interface	1 x 32bit PCI-based PCI/104 interface 1 x 16bit ISA-based PC/104 interface
Watchdog Timer	127-level Reset
ATA/IDE	1 x Ultra DMA 33, Support 2 IDE drives
SSD	1 x Type II Compact Flash
Power Consumption	5V/2.63A (Max.)
Weight	0.185Kg (0.41LB)
Dimension	114mm x 95 mm (4.5" x 3.7")
Operating Temperature	0~60°C(32~140°F)
Storage Temperature	-20~80°C(-4~176°F)
Operating Humidity	0% ~ 90% Relative humidity non-condensing

### I/O:

Serial Port	3 x RS-232 ports (COM1/3/4), 1 x RS-232/422/485 port (COM2)
IrDA	1 x SIR IrDA 1.1 compliant
Parallel Port	SPP/EPP/ECP mode
Audio	Interface : VIA VT1612A AC97 Codec, support Mic-in / Line-in / Line-out
Floppy	Support 2 floppy disk drives
KB/MS	1 x PS2 K/B and Mouse
Digital I/O	8 bit Digital Input/Output

### Display:

Graphics Chipset	VIA Twister-T S3 Savage4 Engine up to 32MByte UMA Video
Graphics Interface	CRT support QXGA up to 1920 x 1440 LCD support 18/36 bit LVDS up to 1280 x 1024 LCD support 18/24/36 bit TTL up to 1280 x 1024 TV-out support NTSC / PAL up to 1024 x 768

### Ethernet

Chipset	2 x Realtek 8100BL 10/100base-T Built-in Boot ROM in Flash BIOS, support Boot from LAN
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### Packing list

210020064	Cable:HDD, FDD, COM, LPT Utility CD, Manual
190040007	Cable Kit for AR-B1621
170040032	Heat Sink for AR-B1621

## Ordering Information

### Standard:

010010233	AR-B1621 without Accessories
010050083	AR-B1621 with Accessories

Specifications are subject to change without notice.