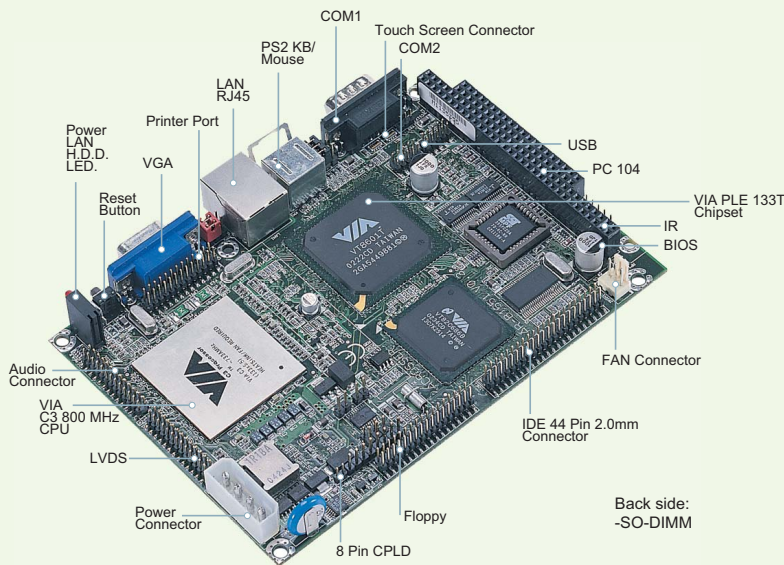


# AR-B1651 Series

PIII 3.5"EPC



## Features

**3.5" Onboard Pentium III Grade VIA Eden 667MHz with VGA (CRT/LCD), 10/100 LAN, 2 USB 1.1, 2 Serial Prot Audio, Compact Flash (Option)**

Fanless

VIA Eden

3.5"

SDRAM

2 USB

LAN

2 COM

PC104 Solt

Audio

LCD

## Specification

### System:

CPU	On board VIA Samuel II 800MHz with Fan / Eden 600MHz (AR-B1651A fanless)
Chipset	VIA PLE133T + VT82C686B
System Memory	One SO-DIMM socket, supports up to 512MB SDRAM
BIOS	Award (AR-B1651), AMI (AR-B1651A)
SSD	Optional AR-B9462C for Compact Flash Type I interface
Watchdog Timer	Software programmable 1~63 seconds
Expansion Interface	One 16-bit PC/104 (104-pin )
Battery	Lithium 3.0V/48mAH
Power Requirement	+5V@ 2 A and +12V@ 1 A (AT)
Dimension	145mm x 102mm (5.7" x 4")
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:

Main IO	1xE-IDE (Ultra DMA 33), 1xFDD (2.0mm Connector), PS/2 (KB/Mouse) 1xRS232C, 1xRS-232C/485, 1xLPT (2.0mm Connector)
IrDA	Yes
Ethernet	Realtek RTL8100 (10/100Mbps Base-T, RJ45x1)
Audio	On-board AC97 Codec (Mic in, Line in, Line out, Speaker out, 1 watt amplify)
USB	2 (USB 1.1 compliant)
LED	Power, LAN, HDD, Watchdog

### Display:

Chipset	PLE133T on-chip VGA
Memory Size	Share system memory up to 8MB
Resolution	CRT: 1280x1024, TFT LCD: 1024x768
Interface	CRT interface with D-sub 15-pin female connector 24-bit LVDS TFT LCD

### Packing list

190030379	COM Cable
010080268-01	AR-B9425A Audio Transfer Board
190030132	Audio Transfer Board Cable
	Utility CD, Manual

## Ordering Information

### Standard:

AR-B1651	Low Power VIA Samuel II 800MHz EPC with VGA (CRT/LVDS), Audio, USB, LAN
AR-B1651A	Low Power VIA Eden 600MHz EPC with VGA (CRT/LVDS), Audio, USB, LAN

### Option:

010020212	AR-B9462C, IDE to Compact Flash Type I transfer board
AR-M9929	Micro Box Embedded System with AR-B1651A
190030381-01	USB Cable with bracket

Specifications are subject to change without notice.