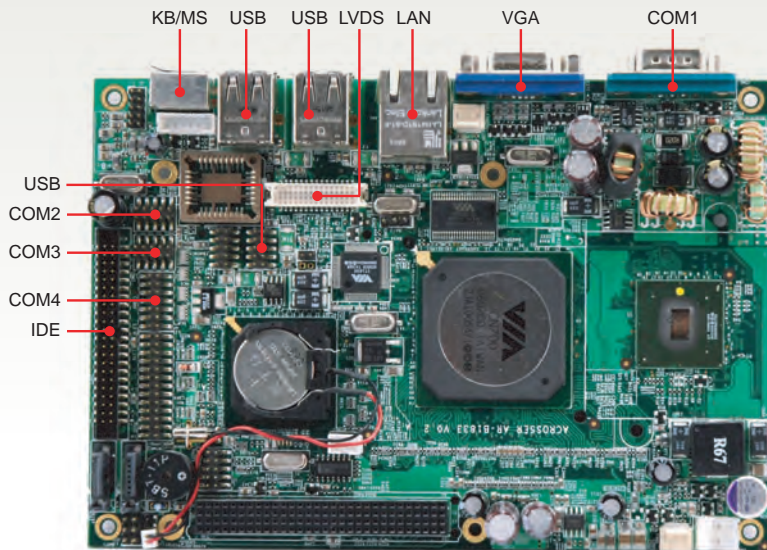


AR-B1833

EPIC SBC Powered by VIA C7 with CRT/LCD, LAN, PCI-104, 4 x COM, 6 x USB2.0, SATA



Features

- ✓ VIA C7 CPU 1.5/1.8GHz
- ✓ VGA/LVDS support Dual Display
- ✓ Support DDR2 400/533MHz up to 1GB
- ✓ 4 x COM, 6 x USB2.0, 2 x SATA

Specification

System

CPU	Support VIA C7 1.8/1.5GHz
Chipset	VIA CN700 + VT8237R
Front Side Bus	400MHz
Memory	1 x 200-pin SO-DIMM socket support 400/533MHz DDR2 SDRAM up to 1GB

Video

Graphic Controller	UniChrome Pro 2D/3D graphic and video controller integrated AGP v3.5 compliant 8X/4X transfer mode
Video Memory	-
Video Interface	<ul style="list-style-type: none"> • 1 x VGA port (DB15) • 1 x 24-bit LVDS (Pin header)

Storage

IDE	1 x E-IDE support Ultra DMA 133/100/66/33
SATA	2 x SATA I port
CF	1 x Compact Flash Type I socket
SD	-

I/O

Expansion Slot	1 x PCI-104
Ethernet	1 x 100Mbps RJ45 with LED, VIA VT6103
Serial Port	3 x RS-232, 1 x RS-232/422/485 (1 x DB9, 3 x pin header)
USB	6 x USB2.0 (4 x external port, 2 x pin header)
GPIO	8-bit Digital I/O
Parallel Port	1 x LPT port support SPP/EPP/ECP modes
PS/2	1 x PS/2
Audio	VT1616

Hardware Feature

Hardware Monitoring	<ul style="list-style-type: none"> • CPU voltage • CPU and system temperature • CPU and fan speed
WatchDog Timer	Software programmable 1~63 sec.

Power Requirement

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

Software

OS Support	Windows 9X/ME/2000/XP/CE
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Mechanical & Environment

Dimension	115mm x 165mm (4.53" x 6.50")
Weight	Net: 201g (0.4Lb)
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	5 to 90% @ 40°C, non-condensing
Safety	CE, FCC class A

Packing List

- 1 x AR-B1833
- 1 x Driver CD
- 1 x User manual
- 1 x PS/2 cable
- 1 x HDD cable

Ordering Information

AR-B1833C718	AR-B1833 with onboard VIA C7 1.8GHz
AR-B1833C715	AR-B1833 with onboard VIA C7 1.5GHz
Accessory	ACC-EPIC:

- 1 x Power cable (ATX)
- 1 x Power cable (AT)
- 1 x IDE cable (40/44-pin)
- 1 x PS/2 keyboard and mouse cable
- 1 x Audio cable (Line-in/Line-out/Mic-in)
- 1 x USB cable
- 1 x LPT cable
- 1 x COM cable (10-pin)