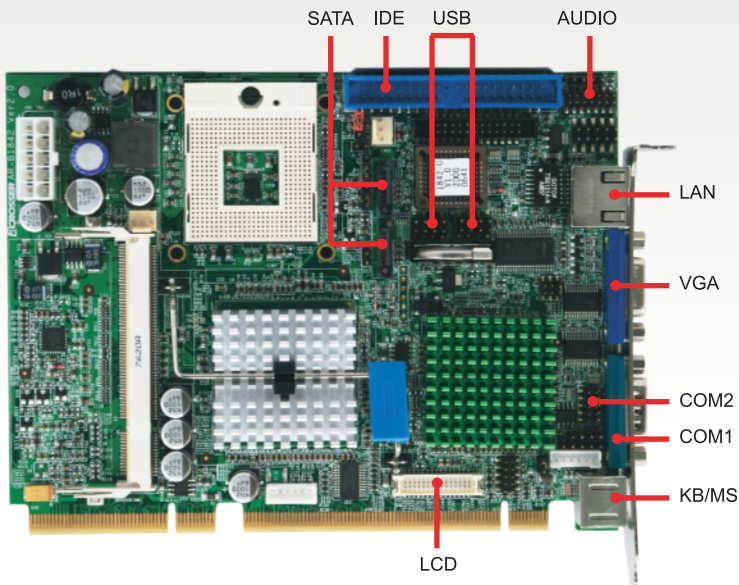




# AR-B1842

PCI Express Half Size Pentium M CPU Card with Intel 915GME & VGA, 10/100 LAN, CF+Type II, Mini-PCI, 2 Serial Port, 4 USB2.0

Industrial Computing



### Features

- ✔ Support Pentium M/Celeron M
- ✔ One SO-DIMM socket support DDRII SDRAM up to 1GB
- ✔ 2 x COM, 4 x USB2.0, VGA, 18-bit LVDS, 1 x 10/100 LAN, 2 x SATA

## SPECIFICATION

### System

<b>CPU</b>	Socket 478 support Intel Pentium M/Celeron M FSB 400/533MHz CPU
<b>Chipset</b>	Intel 915GME + Intel ICH6M
<b>Memory</b>	One SO-DIMM socket support 400/533 DDR2 SDRAM up to 1GB
<b>Battery</b>	Lithium Battery, 3V 220mAH
<b>BIOS</b>	Award
<b>RTC</b>	Yes
<b>WatchDog Timer</b>	Software programmable 1~63 sec.
<b>OS</b>	Windows CE/XP, Linux

### Video

<b>Video Controller</b>	Intel 915GME integrated GMA 900 graphic controller
<b>Video Interface</b>	1 x VGA Up to 2048 x 1536 Dual Channel 18-bit LVDS

### Ethernet

<b>Connector</b>	RJ45
<b>Controller</b>	Intel 82562EZ PHY (10/100)

### Storage

<b>IDE</b>	1 x 40 pin IDE connector supports ATA33/66/100
<b>SATA</b>	SATA x2
<b>SSD</b>	1 x Compact Flash socket Type II

### Others I/O

<b>Serial Port</b>	RS-232 x 1 by connector RS-232/422/485 x 1 by pin head
<b>USB Port</b>	4 x USB 2.0 pin head
<b>Audio</b>	ALC655 / AC'97 Stereo (MIC-In/Line-In/Line-Out)
<b>GPIO</b>	8-bit Digital I/O
<b>Parallel Port</b>	2 x 13 pin head, support SPP,EPP and ECP mode
<b>Keyboard/Mouse</b>	PS/2 Keyboard and PS/2 Mouse Connector

### Mechanical & Environment

<b>Dimension</b>	167mm x 121mm (6.6 x 4.8")
<b>Power Requirement</b>	DC 12V/5V input
<b>Operating Temp.</b>	0~60°C (32~140°F)
<b>Storage Temp.</b>	-20~80°C (-4~176°F)
<b>Relative Humidity</b>	0 to 90% @ 45°C, non-condensing
<b>Safety</b>	CE FCC class A

### Packing List

1. AR-B1842 Half-Size PCIE CPU Card
2. CPU Fan
3. Drivers CD
4. Quick user Guide

### Ordering Information

#### Standard

<b>AR-B1842 V2.0</b>	PCI Express Half Size Pentium M CPU Card with Intel 915GME & VGA, 10/100 LAN
<b>ACC-1842</b>	Cable Set(Audio, Serial, Printer Port, PS2, USB, SATA, IDE)
<b>AR-MB3E-G</b>	PCI backplane