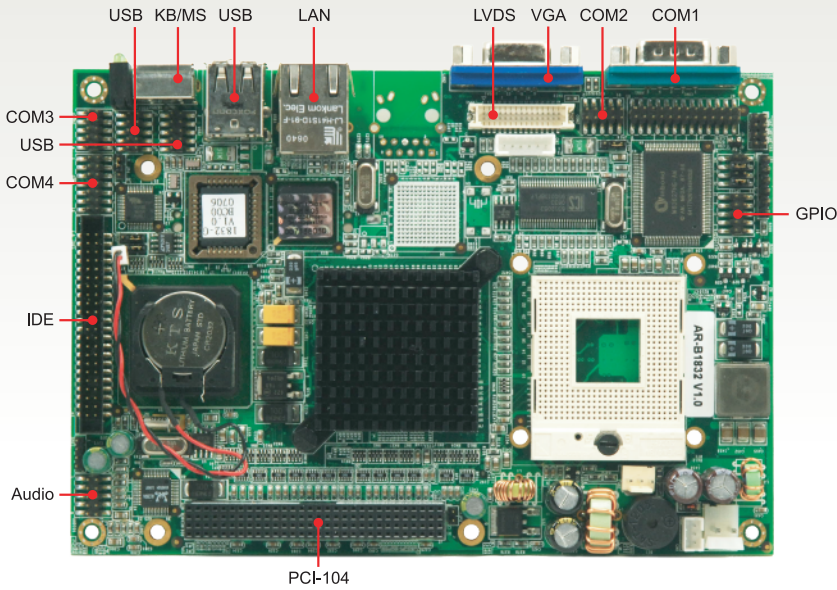




AR-B1832Series

EPIC SBC supporting Intel Pentium M/Celeron M Processors with LAN/LCD/CRT



Features

- ✓ 855GM and ICH4
- ✓ DDR solution
- ✓ VGA, Dual 18 bit LVDS
- ✓ 6 serial ports, 6 x USB 2.0
- ✓ Stereo Audio Line -In , Line Out, MIC -In
- ✓ PCI104 expansion

Embedded SBC

SPECIFICATION

System

CPU	Socket for Intel 478 uFC-PGA FSB 400MHz Pentium M(Up to 1.8GHz) & Celeron M CPUs(Up to 1.5GHz) On-Board ULV Celeron M 1.0GHz 512KB Cache CPU, Fanless On-Board Celeron M 600MHz 512KB Cache CPU, Fanless
Chipset	Intel 852GM + Intel ICH4
Memory	DDR 200/266 SDRAM up to 1GB
Battery	Lithium Battery, 3V 220mAh
BIOS	Award
Hardware Monitoring	Yes
WatchDog Timer	Software programmable 1~63 sec.
OS	WinCE, Linux 6.5 and above, Win 2000/NT/XP, CE.NET

Video

Video Controller	Integrated Intel Extreme Graphics Up to 64MB Shared system Memory Integrated Intel AGP 4X 2D/3D engine MPEG-2 Decode 24/48-bit LVDS port
Video Interface	1 x VGA port LCD inverter power connector and ON/OFF controlSupport 3.3V and 5V LCD

Ethernet

Controller	Intel 82551ER (10/100)
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Storage

IDE	EIDE support Ultra DMA33
SSD	1 x Compact Flash socket

Others I/O

Serial Port	RS-232 x 3 (COM1/2/3) RS-232/422/485 x 1 (COM4)
USB Port	6 x USB 2.0
Audio	AC'97 Stereo (MIC-In/Line-In/Line-Out)
GPIO	8 Independent TTL level I/O (2x5x2.0)
IrDA	Yes
Parallel Port	LPT Port x 1
Keyboard/Mouse	PS/2 Keyboard and PS/2 Mouse Connector
Expansion Slot	PCI-104

Mechanical & Environment

Dimension	115mm x 165mm (4.5 x 6.5")
Power Requirement	1. AT: 12V Single Voltage Input 2. ATX: power switch pin header and pin header for external 5V stand-by input
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~80°C (-4~176°F)
Relative Humidity	0 to 90% @ 40°C, non-condensing
Safety	FCC class A

Ordering Information

Standard

ACC-EPIC Cable Set Power Cable (AT), 40/44-Pin IDE Cable, K/M Cable, LPT Cable Audio Cable, USB Cable, COM Cable (10-Pin), Power Cable (ATX)