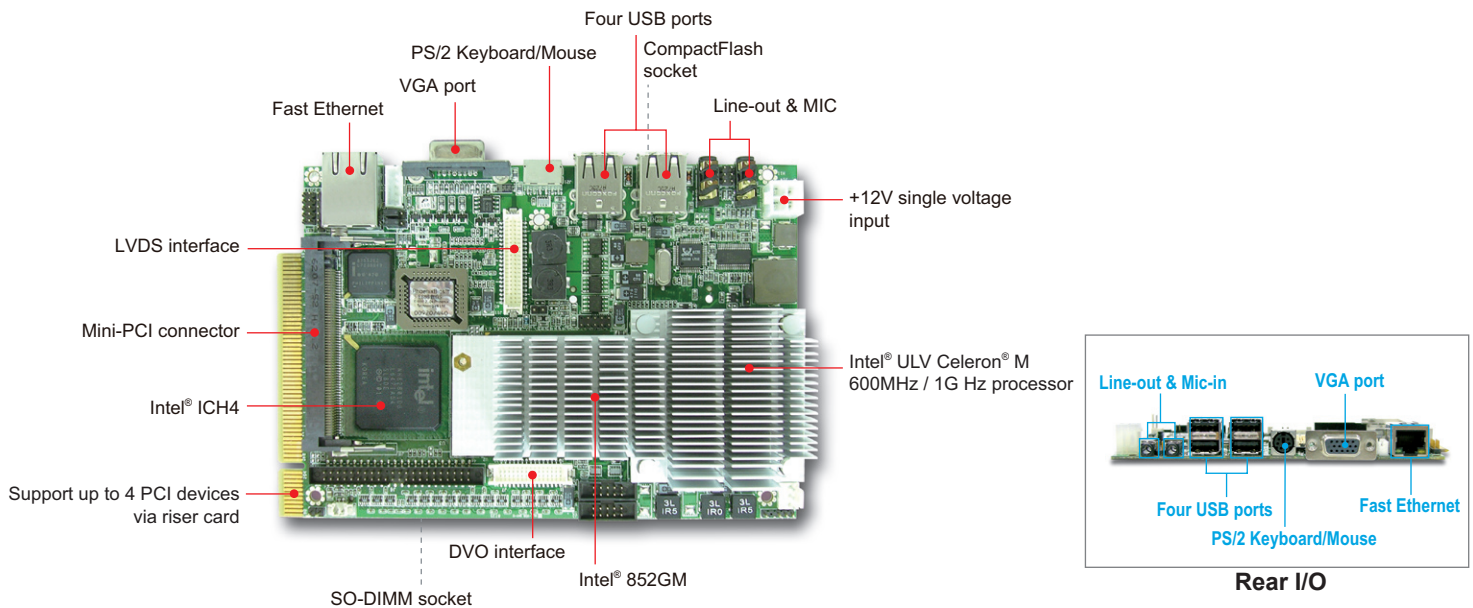


# PEB-2731VLA

3.5" Floppy-size, Ultra Low Voltage Intel® Celeron® M processor based Embedded Board with VGA, LCD, LAN and Audio



## FEATURES

- 3.5" compact computing engine equipped with Ultra Low Voltage Intel® Celeron® M 600MHz/1GHz processor for fanless requirement
- Wireless application can be accomplished by adding Mini-PCI form factor wireless adapter
- Display interface cover VGA, LVDS and DVO to fulfill common graphic needs
- Gold finger along short edge of board allows up to four PCI devices expansion that increases capability of the platform
- +12V powered embedded board makes the platform smaller and lighter with portable power adapter
- Equipped IrDA port enables wireless platform remote control

## ORDERING GUIDE

<b>Standard</b>	<b>PEB-2731VLA</b> 3.5" Floppy-size, Ultra Low Voltage Intel® Celeron® M 600MHz processor based Embedded Board with VGA, LCD, LAN and Audio
<b>Optional</b>	<b>PEB-2731VLA-1G-Z</b> 3.5" Floppy-size, Ultra Low Voltage Intel® Celeron® M 1GHz processor based Embedded Board with VGA, LCD, LAN and Audio

## GENERAL

Processor	CPU & Package: Ultra Low Voltage Intel® Celeron® M processor FSB: 400MHz
Chipset/Core Logic	Intel® 852GM and ICH4
System Memory	Up to 1GB DDR 266/200 SDRAM on one 200-pin SODIMM socket
BIOS	Award BIOS
SSD	- One Type II CF socket - On secondary EIDE channel
Storage Devices	One 44-pin IDE connector
Watchdog Timer	Yes
Expansion Interface	- 4 PCI master expansion via riser card - One Mini-PCI socket
Hardware Monitoring	Voltage, Fan, Temperature
Power Requirement	+12V only
Dimension	Dimension : 105.0(W) x 154.3(L) mm; 4.13"(W) x 6.07" (L)
Environment	Operating Temperature: 0 to 60°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing

## I/O

MIO	RS232 x2
IrDA	Yes (shared with one RS232)
Ethernet	10 BASE-T/100 BASE-TX Fast Ethernet (Intel® 82562EZ)
Audio	AC'97 2.3 Audio
USB	USB 2.0 x 6 (Four ports at rear I/O panel; dual ports internal)
Keyboard & Mouse	PS/2 Keyboard/Mouse

## DISPLAY

Graphic Controller	Intel® 852GM mobile optimized graphics controller
Graphic Memory	Dynamically allocates 32/64MB system memory for display
Display Interface	Support VGA, LVDS and DVO ports