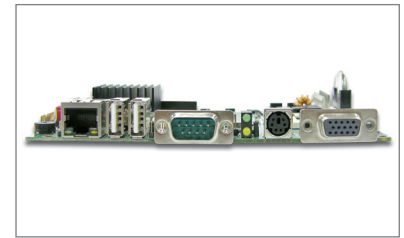
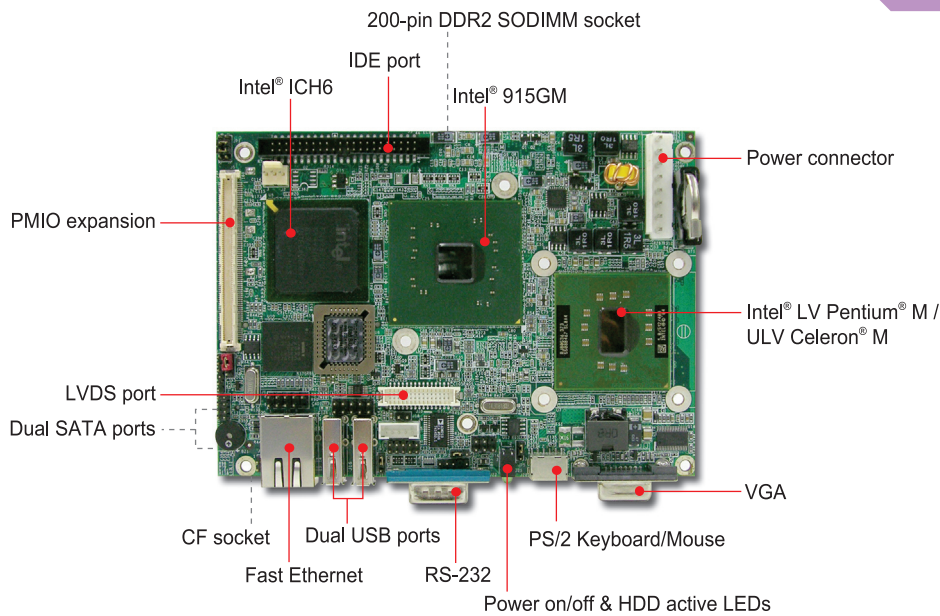


# PECX-2730VL

Intel® LV Pentium® M or ULV Celeron® M processor based Intel® ECX SBC with DDR2 SDRAM, VGA/Panel and Fast Ethernet



Rear I/O

## FEATURES

- Intel® new initiative of compact 3.5" ECX form factor to fit in most wide range of system architecture
- Intel® low power chipset 915GM powered by low voltage Pentium® M with frequencies of up to 1.4 GHz with 2M L2 cache; optional fan-less ultra low power model with ULV Celeron® M 1.0GHz
- Dual display via CRT and LVDS interface or display interface that transformed by reserved SDVO part
- One PMIO expansion connector (with PCI, PCI Express x1, I2C, LPC, AC' 97, USB and SDVO interfaces) for versatile application

## ORDERING GUIDE

Standard	<b>PECX-2730VL</b> 3.5" ECX base on Intel® LV Pentium® M 1.4GHz processor with DDR2 SDRAM, VGA/ Panel and LAN
	<b>PECX-2730VL-1G</b> 3.5" ECX based on Intel® ULV Celeron® M 1.0GHz processor with DDR2 SDRAM, VGA/ Panel and LAN

## GENERAL

Processor	- Intel® uFC-BGA LV Pentium M 1.4 GHz on board - Intel® uFC-BGA ULV Celeron M 1.0GHz on board
Chipset/Core Logic	Intel® 915GM and ICH6
System Memory	Up to 1GB DDR2 400/533 SDRAM on one SODIMM socket
L2 Cashe Memory	256KB to 2MB depends on processor
BIOS	Award BIOS
SSD	Type II Compact Flash socket (Support 8~320MB)
Storage Devices	IDE: Two IDE devices at UMDA 33/66/100 SATA: Dual SATA Ports
Watchdog Timer	Yes
Expansion Interface	PMIO expansion x1 (including PCI, PCI Express x1, I2C, SDVO, LPC, AC' 97, USB)
Hardware Monitoring	Yes
Power Requirement	ATX compliant power
Dimension	Dimension : 146(W) x 102(L) mm; 5.75"(W) x 4.0" (L)
Environment	Operating Temperature: 0 to 55°C Storage Temperature: -20 to 75°C Relative Humidity: 5% to 95%, non-condensing

## I/O

MIO	RS-232 x1
IrDA	Yes
Ethernet	One Fast Ethernet
Audio	AC '97 2.3
USB	USB 2.0 x 4 (dual ports via pin header)
Keyboard & Mouse	PS/2 Keyboard/Mouse

## DISPLAY

Graphic Controller	Intel® 915GM integrated GMA 900
Graphic Memory	DVMT 3.0 share system memory up to 128MB
Display Interface	- LVDS x1, CRT x1, TV-out - Dual independent Display support