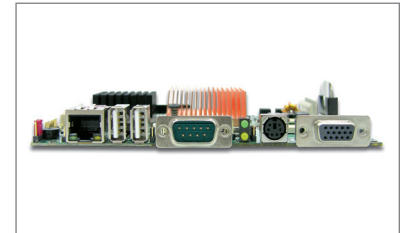
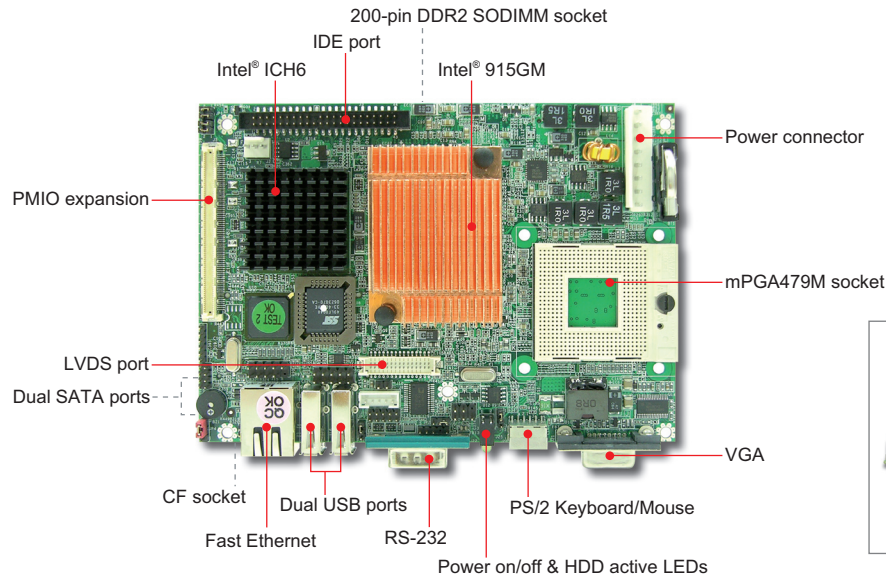


# PECX-2710VL

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



Rear I/O

## FEATURES

- Intel® defined ECX form factor (4" x 5.7") to fit in wide range of embedded systems
- Intel® 915GM chipset to support scalable high performance uFC-PGA Pentium® M processors up to 2.0Ghz
- Maximum 1GB SODIMM memory
- Supports dual displays via VGA and LVDS interfaces or display interface that transformed from SDVO signal
- One PMIO expansion connector includes PCI, PCI Express x1, I<sup>2</sup>C, LPC, AC' 97, USB and SDVO signals

## ORDERING GUIDE

<b>Standard</b>	<b>PECX-2710VL</b> 3.5" ECX base on Intel® Pentium® or Celeron® M processor with DDR2 SDRAM, VGA/Panel and LAN
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## GENERAL

Processor	CPU & Package: Intel® mPGA479M to support uFC-PGA Pentium® M up to 2.0GHz FSB: 533/400MHz L2 Cache: 256KB to 2MB depends on processor
Chipset/Core Logic	Intel® 915GM and ICH6
System Memory	Up to 1GB DDR2 400/533 SDRAM on one SODIMM socket
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	RS232 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