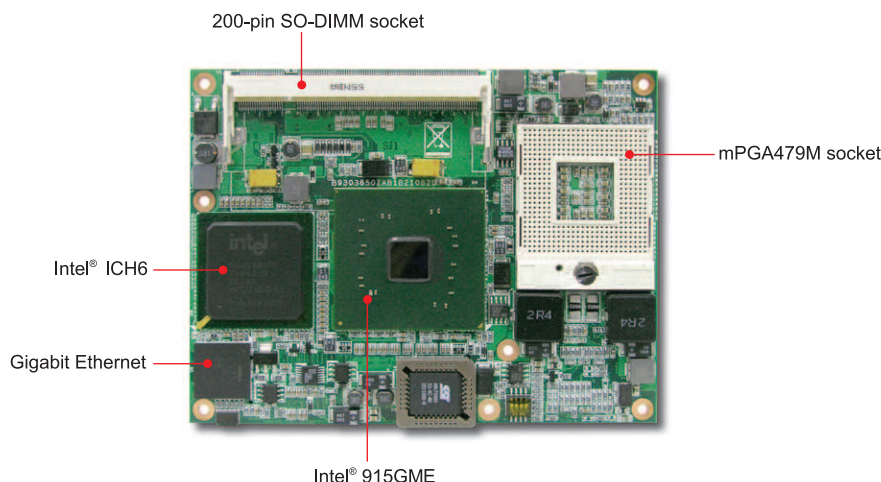


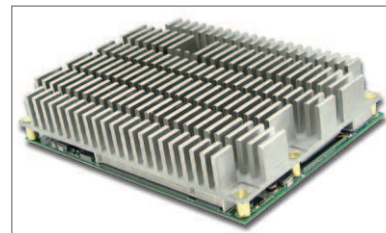


# PCOM-B210VG

Intel® Pentium® M or Celeron® M processor based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet and USB



Active Heat Sink



Passive Heat Sink

## FEATURES

- Intel® 915GME based COM Express module supports high bandwidth serial type I/O interfaces, such as PCI Express, SDVO & SATA
- Plug-n-run with the carrier boards and save time to market
- Accept both socket type and BGA type Pentium® M and Celeron® M processors for low power or fan-less applications
- Maximum 1GB DDR2 memory
- Equipped with single PCI Express x1 interface based Gigabit Ethernet that could change to Fast Ethernet by project

## GENERAL

Processor	CPU & Package: Intel® Pentium® M or Celeron® M processor in mFCPGA package FSB: 533/400MHz
Chipset/Core Logic	Intel® 915GME and ICH6
System Memory	Up to 1GB DDR2 533/400 SDRAM on one 200-pin DIMM socket
BIOS	Award BIOS
Storage Devices	EIDE: Support one EIDE channel with Ultra DMA 100/66/33 SATA: Support four SATA 150 drives
Solid State Disk	N/A
Watchdog Timer	N/A
Expansion Interface	- One PCI Express x16, multiplexed with SDVO interface - Three PCI Express x1 - Four PCI devices - LPC interface - High definition audio interface
Hardware Monitoring	CPU temperature
Dimension	Dimension : 125(L) x 95(W) mm; 4.9"(L) x 3.7" (W)
Environment	Operating Temperature: 0 to 60°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing

## ORDERING GUIDE

Standard	<b>PCOM-B210VG</b> Intel Pentium® M or Celeron® M processor based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet and USB
Optional	<b>Active Heat Sink</b> Heat sink for both PCOM-210/211 with socket type processor  <b>Passive Heat Sink</b> Heat sink for both PCOM-210/211 with low power consumption on-board processor

## I/O

MIO	N/A
IrDA	N/A
Ethernet	One Gigabit Ethernet (Intel® PC82573L)
Audio	N/A
USB	USB 2.0 x 8
Keyboard & Mouse	N/A

## DISPLAY

Graphic Controller	Intel® 915GME integrated Intel® Graphics Media Accelerator 900 (Intel® GMA 900)
Graphic Memory	Dynamic share system memory up to 224MB (Intel® DVMT 3.0) or static share system memory up to 128MB
Display Interface	- Support CRT and LVDS display interfaces - CRT display resolution up to 2048x1536 @ 85Hz refresh