



Active Cooler



Passive Cooler

FEATURES

- Intel® 915GM 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® 915GM 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 x1Four PCI devicesLPC interface

- High definition audio interface

Hardware Monitoring CPU temperature

Dimension : 95(L) x 114(W) mm; 3.7"(L) x 4.5" (W)

mension Differsion . :

Environment Operating Temperature: 0 to 60°C

Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing

MTBF TBA

Power Requirement

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type processor

Standard	PCOM-B210VG Intel Pentium® M or Celeron® M processor based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet and USB
Optional	Active Cooler

Cooler for both PCOM-210/211 with socket

I/O

MIO	N/A
IrDA	N/A
Ethernet	One Gigabit Ethernet
Audio	N/A
USB	Eight USB ports
Keyboard & Mouse	N/A

DISPLAY

Graphic Controller	Intel® 915GM 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, LVDS and TV-out display interfaces - CRT display resolution up to 2048x1536 @ 85Hz refresh