PCOM-B211VG

Intel® Core™ Duo & Solo processor based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet, SATA 300 and USB

200-pin SO-DIMM socket

mPGA479M socket

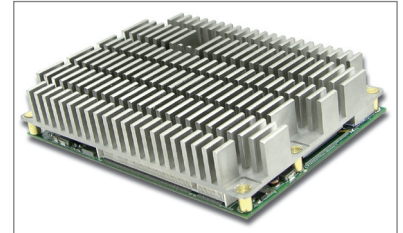Intel® ICH7R

Gigabit Ethernet

Intel® 945GM

Active Cooler

Passive Cooler

FEATURES

- Intel® 945GME based module supports Core Solo or Core Duo processors

- Accept both Intel® socket type and BGA type processors for intensive computing power or fan-less applications

- Plug-n-run with the carrier boards and speeds up time-to market

- SATA interface to support faster transfer rate in storage devices

- Maximum 2GB DDR2 memory

GENERAL

Processor	CPU & Package: Intel® Core™ Duo or Solo processor in mFCPGA package FSB: 667/533MHz
Chipset/Core Logic	Intel® 945GME and ICH7R
System Memory	Up to 2GB DDR2 667/533/400 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 300 drives
Solid State Disk	N/A
Watchdog Timer	N/A
Expansion Interface	- One PCI Express x16, multiplexed with SDVO interface - Five PCI Express x1 - Four PCI devices - LPC interface - High definition audio interface
Hardware Monitoring	CPU temperature
Power Requirement	TBA
Dimension	Dimension : 95(L) x 114(W) mm; 3.7"(L) x 4.5" (W) PCB: 10-layer
Environment	Operating Temperature: 0 to 60ºC Storage Temperature: -20 to 80ºC Relative Humidity: 5% to 90%, non-condensing
MTBF	TBA

ORDERING GUIDE

Standard	**PCOM-B211VG** Intel® Core™ Duo or Solo 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 type processor

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® 945GME integrated Intel® Graphics Media Accelerator 950 (Intel® GMA 950)
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 QXGA

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