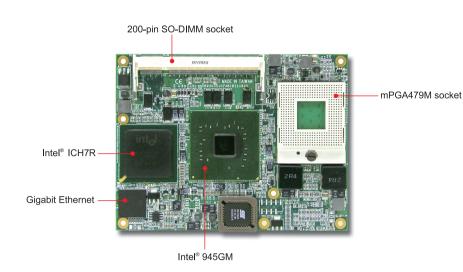
PCOM-B211VG

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





Active Cooler



Passive Cooler

FEATURES

- Intel® 945GM 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® 945GM 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 60°C Storage Temperature: -20 to 80°C 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® 945GM 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