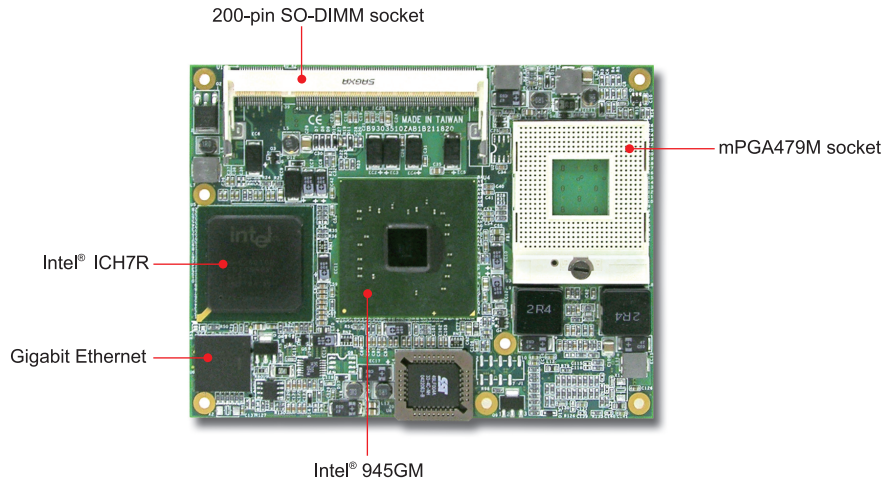


# PCOM-B211VG

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



## FEATURES

- The Intel® Core Duo processor features dual-core technology that provides significant performance improvements in a typical Pentium® M thermal envelope
- Design to comply with both socket type and BGA type Core Duo & Core Solo processor for intensive computing as well as fanless applications
- Architecture of module and carrier boards speeds up time-to-market of tailor-made equipment
- SATA 300, high-speed storage interface supports faster transfer rate for improved data access
- Equipped with single PCI Express x1 interface based Gigabit Ethernet that could change to Fast Ethernet by project

## ORDERING GUIDE

<b>Standard</b>	<b>PCOM-B211VG</b> Intel® Core Duo or Solo processor based Type II COM Express module with DDR2 SDRAM, VGA, Gigabit Ethernet and USB
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## 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

## 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