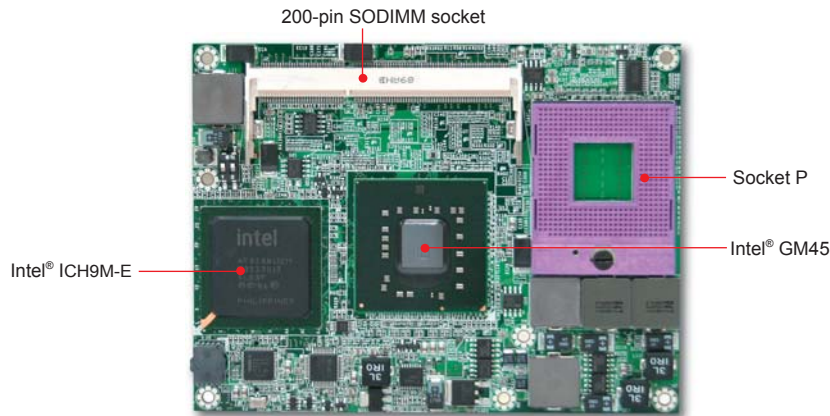


PCOM-B213VG

Intel® GM45 platform based Type II COM Express module with DDR3 SDRAM, VGA, Gigabit Ethernet, SATA and USB



FEATURES

- The Intel® 45 nm Core™ 2 Quad/Core™ 2 Duo processor features dual core/quad core technology that provides latest semiconductor technology
- Intel® GM45 integrated GMA 4500MHD graphic provides extreme 3D performance for media applications
- Intel® GM45 platform brings latest IAMT 4.0 and ITPM for powerful management and cryptal functions
- Architecture of module and carrier boards speeds up time-to-market of tailor-made equipment
- Support two SODIMM socket and up to 8GB memory size

GENERAL

Processor	CPU & Package: Intel® 45nm Core™ 2 Quad/Core™ 2 Duo FSPGA package FSB: 667/800/1066 MHz
Chipset/Core Logic	Intel® GM45 and ICH9M-E
System Memory	Up to 8GB DDR3 667/800/1066 SDRAM on two SODIMM socket
BIOS	AMI 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 - Four PCI Express x1 - Four PCI devices - LPC Interface - High definition audio interface
Hardware Monitoring	CPU Voltage and Temperature
Power Requirement	TBA
Dimension	Dimension: 125(L) x 95(W) mm
Environment	Operation Temperature: 0~60 °C Storage Temperature: -20~80 °C Operation Humidity: 5~90%

ORDERING GUIDE

Standard	PCOM-B213VG Intel® GM45 platform based Type II COM Express module with DDR3 SDRAM, VGA, Gigabit Ethernet and USB
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* Specifications are subject to change without notice.

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I/O

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

DISPLAY

Graphic Controller	Intel® GM45 integrated Graphics Media Accelerator 4500MHD (Intel® GMA 4500MHD)
Graphic Memory	Dynamic share system memory (Intel® DVMT 5.0)
Display Interface	- Support CRT, LVDS, TV-out and SDVO display interfaces - CRT display resolution up to 2048x1536 @ 85Hz refresh



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