

MODEL NO: RGD-MBD-C6I03-R

Product Features:

- 1) Supports 4th generation Intel Core™ i7/i5/i3 high-end processors, equipped with Intel QM87 high-end PCH
- 2) On-board 8GB DDR3 memory (4GB optional)
- 3) Provides 2 mSATA sockets, on-board SSD(4GB/8GB/16GB/32GB/64GB optional)
- 4) On-board 4 Gigabit Ethernet cards
- 5) Support VGA+DVI1/VGA+DVI2/DVI1+DVI2 independent display or combined display
- 6) Compatible with PICMG2.0 R3.0/PICMG2.16 R1.0



TECHNICAL SPECIFICATIONS:

CPU: Onboard Intel Core™ i5-4422E processor, dual-core four-thread, 1.8GHz (up to 2.9GHz), 3M Cache, 22nm, 25W,
Onboard Intel Core™ i7-4700EQ processor, four cores and eight threads, 2.4GHz (up to 3.4GHz), 6M Cache, 22nm, 47W,
Supports Intel Core™ i7/i5/i3 4th generation processors

Chipset: On-board Intel QM87 PCH

Memory: Onboard 8GB DDR3 SDRAM, Onboard 4GB DDR3 SDRAM (optional)

BIOS: SPI Flash

Graphics Card: Support 1-channel VGA+2-channel DVI graphics card, dual-channel independent graphics card

Storage: 2 x standard mSATA slots, SSD (4GB/8GB/16GB/32GB/64GB optional)

Network Card: 4 x Intel I210 Gigabit network cards,
each network card has exclusive PCIe×1 resource

Sound Card: Onboard 1x Realtek ALC892

OS: Windows7, Linux, VxWorks, XP, etc.

Power Supply: Standard CPCI power supply,
AT mode, automatic power-on/ATX mode, power on button (configurable)

Dimension: 233mm x 160mm x 4HP

Working Temperature: -20°C ~ + 55°C, 0% ~ 90% non-condensing humidity, -40°C ~ + 55°C, 0% ~ 90% non-condensing humidity (optional)

Storage Temperature: -45°C ~ + 75°C, 0% ~ 90% non-condensing humidity

CPCI Interface: J1: 32-bit PCI local bus, J2: 64-bit PCI local bus, J3: Custom signal, J4: Custom signal, J5: Custom signal

IO Resources: Front panel IO resources and buttons: Reset Button

Post-IO resources: 4-channel USB 2.0, 4-channel RS-232, 2-channel DVI, 2-channel SATA2.0, 1-channel IDE, 1-channel PS/2,
1 set of audio, 1 channel LPT, 1 channel FDD

