High Performance and High Power in One Extreme Package
Pulse-pounding gaming and high-powered multimedia experiences require the ultimate in performance from your processor and motherboard. The Intel® Desktop Board DX38BT is designed to unleash the power of Intel® Core™2 Extreme processors. With support for a 1333 MHz front side bus, fast DDR3 memory, and overclocking, the Intel Desktop Board DX38BT delivers the gaming performance you deserve.

Award Winning Game Included in the Box
The boxed product includes the full version of Tom Clancy's Ghost Recon Advanced Warfighter® 2, an award winning game title optimized to take advantage of all the cores of Intel Core 2 Extreme processors.

Go to Extremes!
Introducing the Intel® Desktop Board DX38BT Extreme Series showcasing Intel® Core™2 Extreme Processors

ATX Form Factor
Intel® Desktop Board DX38BT

The boxed Intel® Desktop Board DX38BT solution includes:

- Intel® Desktop Board DX38BT
- ATX 2.2 Compliant I/O Shield
- SATA and ATA 100/66 Cables
- Mounting Bracket for Optional Chipset Cooling Fan (fan not included)
- Board and Back Panel I/O Layout Stickers
- Quick Reference Guide
- Intel® Express Installer Driver and Software DVD
- Windows Vista® Premium WHQL certified

Software included:

- Full version of Tom Clancy's Ghost Recon Advanced Warfighter* 2
- Intel® Desktop Control Center (Internet Download)
- Diskeeper* Home Edition: Automatic defragmentation that the pros use to keep your system running at top speed
- DivX* for Windows: Everything you need to create, burn, post, email, store, or watch your DivX videos
- Dolby* Control Center: User-friendly interface to control and enhance your Dolby listening experience
- Norton* AntiVirus: Removes viruses automatically, blocks certain Internet worm attacks, and protects email and instant messages
- Skype*: Allows you to make telephone calls directly from your PC over the Internet for significant cost savings
- TypePad* Premier blogging service: For passionate bloggers and businesses. Connect with the people who mean the most
- Kaspersky* Anti-Virus (Russian only): A fully scalable virus database that supports a wide range of operating systems and applications
- Kingsoft* Antivirus (Chinese only): A must-have application for China that checks and alerts for viruses
- Kingsoft* Powerword* (Chinese only): Available for Intel Desktop Board customers in China
Features and Benefits

Intel® Desktop Board DX38BT

1. **Support for Intel® Core™2 Extreme processors:** Features quad- or dual-core processing and a faster 1333/1066/800 MHz FSB

2. **Intel X38 Express Chipset with ICH9R:** Validated chipset-level overclocking

3. **New Improved Heatsink Designs:** The MCH and VREG heatsinks have been redesigned to support overclocking

4. **DDR3:** Four DIMM sockets, designed to support up to 8 GB1 of DDR3 memory, deliver greater performance

5. **IEEE 1394a ports (1 internal, 1 external) and 12 USB 2.0 ports (8 external, 4 internal):** Provide for the most flexible back panel connectivity options

6. **Dual full-speed PCIe 2.0 slots + x4/x16 PCIe slot and 2 PCI expansion slots:** Increased graphics bandwidth provides up to 8 GB per direction and a combined 16 GB maximum, plus the flexibility to support another PCIe device and legacy PCI devices

7. **6 SATA 3.0 Gb/s ports, including dual external eSATA ports, and 1 parallel ATA port (support for 2 devices):** Facilitates high-speed storage and data transfers, and supports external SATA and legacy devices

8. **Intel® Matrix Storage Technology:** Performance and reliability with support for RAID 0, 1, 5, 10, and new Intel® Rapid Recover Technology

9. **Dolby* Home Theater, 10-Channel Intel® High Definition Audio (7.1), and 5 stack audio ports (with optical S/PDIF output):** Enables high-quality integrated audio that rivals the performance of high-end discrete solutions. New Dolby* Control Center Software is an easy-to-use home theater configuration tool for an enhanced audio experience

10. **Intel® Gigabit Ethernet LAN:** Provides networking capabilities

11. **Consumer infrared receiver and blaster:** Supports receiving, learning, and emitting capabilities, controls up to two additional CE devices with your PC, and eliminates the need for USB CIR dongle

12. **ATX (9.6” x 12”) Form Factor:** ATX board supports more fully featured tower designs

13. **Auto Tune BIOS:** System BIOS Flash with Intel® Platform Innovation Framework for Extensible Firmware Interface, configuration and power interface V1.0b, DMI 2.0, multilingual support, Intel® Rapid BIOS Boot, and optimized POST for fast access to PC from power-on
Technical Specifications

Power
Baseboard Power Requirements
• ATX12V

Environment
Operating Temperature
• 0°C to +55°C
Storage Temperature
• −40°C to +70°C

Regulations and Safety Standards
United States and Canada
UL 1950, Third edition—CAN/CSA C22.2
No. 950-95 with recognized U.S. and Canadian component marks
Europe
Nemko certified to EN 60950
International
Nemko certified to IEC 60950 (CB report with CB certificate)

EMC regulations (tested in representative chassis)
United States
FCC Part 15, Class B
FCC Part 15, Class B open-chassis (cover off) testing
Canada
ICES-003, Class B

For the most current product information, visit developer.intel.com/design/motherbd/

1 System resources (such as PCI and PCI Express*) require physical memory address locations that reduce available memory addresses above 7 GB. This may result in less than 8 GB of memory being available to the operating system and applications.
2 Intel® Desktop Utilities includes: hardware monitoring, Diskeeper® Lite defragmentation, NTI Backup Now®, StressTest®, and Symantec® Security Check.

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