



µATX-Compatible Form Factor

Intel® Desktop Board D201GLY Essential Series

Reaching the next billion users

Intel® Desktop Board D201GLY will change the way you use personal computers. This new generation of Intel Desktop Boards addresses the ultra-value market segment with an integrated board and processor solution. This innovative design removes redundancy and provides smarter solutions to this market segment with better cost and lower power consumption in a smaller µATX form factor. With improved connectivity and ease-of-use, this Intel Desktop Board meets your computing needs in enabling email access, Internet facility, instant messaging, and Voice over Internet Protocol (VoIP). The Intel Desktop Board D201GLY is easy to configure, with basic features for local integration and installation needs, and quality users expect from Intel.



Intel® Desktop Board D201GLY



The boxed Intel® Desktop Board D201GLY includes:

- Integrated Intel® Celeron® Processor
- ATA 100/66 cable
- Back panel I/O shield
- Board Layout Sticker
- Quick reference guide
- Intel® Express Installer Driver and Software CD

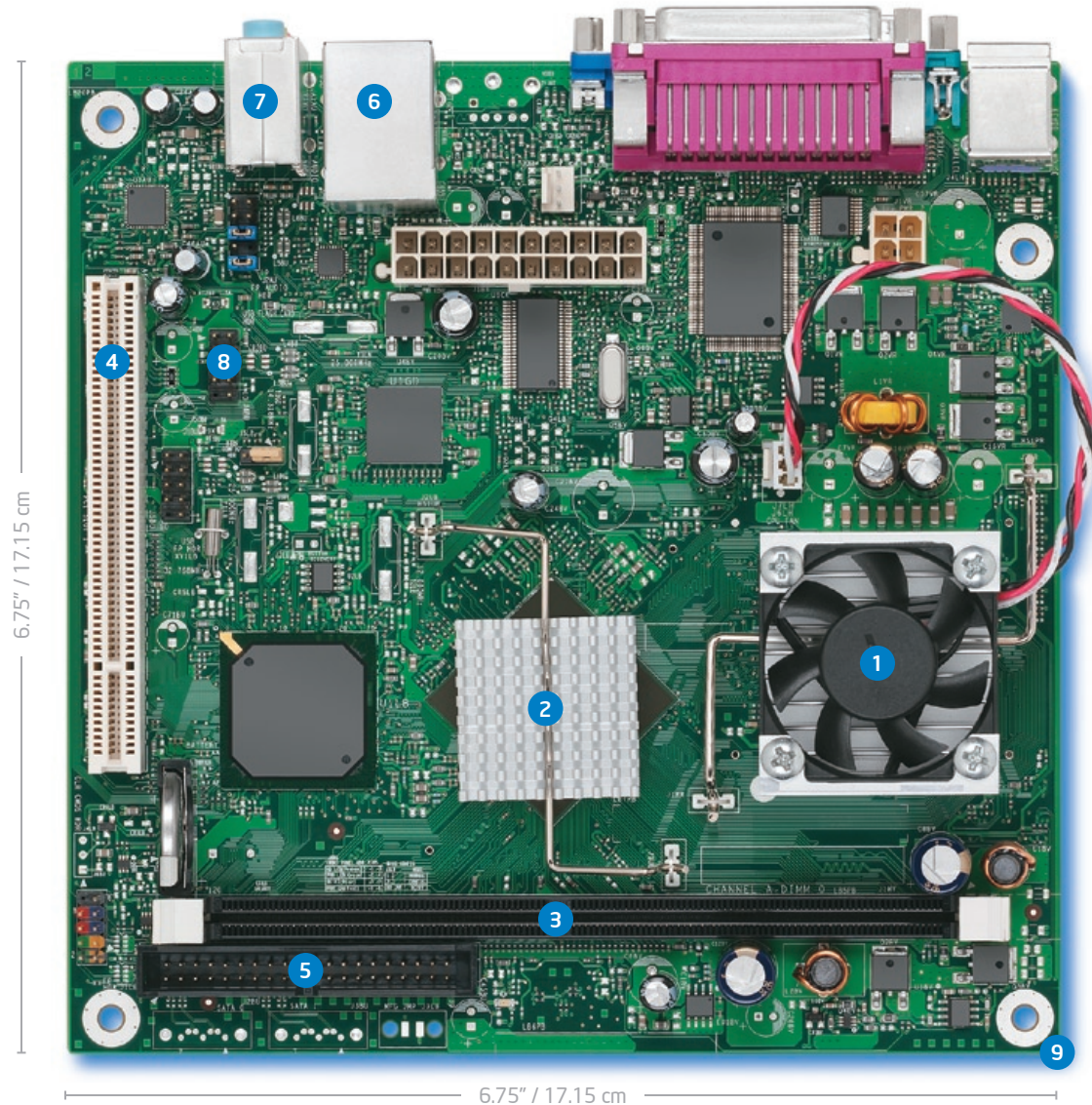
Software Included:

- Diskeeper* Home Edition
- Norton Internet Security*
- Skype*
- Typepad*
- Kaspersky* Anti-Virus (*Russian*)
- Kingsoft* Antivirus (*Chinese*)

Features and Benefits

Intel® Desktop Board D201 GLY

- 1 Intel® Celeron® Processor:** Integrated, low-power processor with 533 MHz system bus.
- 2 SiS662* chipset featuring SiS Mirage Graphics*:** A low-cost graphics solution.
- 3 Single DIMM socket:** Designed to support up to 1 GB of DDR2 533 / 400 SDRAM.
- 4 PCI slot:** Expansion slot for custom system configurations and future add-in card upgrades.
- 5 IDE connector:** Supports up to two ATA 100/66 devices.
- 6 Integrated 10/100 LAN:** On-board 10/100-Mbps Ethernet LAN connectivity.
- 7 AC'97 Audio:** Integrated stereo audio at an excellent value.
- 8 Support for up to six Hi-Speed USB 2.0 ports:** Two back panel ports and two front panel headers supporting four additional USB 2.0 ports.
- 9 μATX-compatible form factor**



Technical Specifications

Processor

Processor Support

- Intel® Celeron® Processor integrated

Chipset

- SiS* SIS662 North Bridge
- SiS* SIS964L South Bridge

I/O Features

- Integrated super I/O LPC bus controller
- Ultra ATA 100/66 device support
- One PCI local bus slot

USB 2.0

- Two back-panel ports
- Two onboard headers providing four ports support

Audio Solution

- AC'97-compliant integrated audio solution

10/100 Network Connection

- Onboard 10/100 Ethernet LAN

SPI

System BIOS

- 4 Mb Flash EEPROM with Intel® Tiano BIOS featuring Plug and Play, IDE drive auto-configure
- Advanced configuration and power interface V1.0b, DMI 2.0

Intel® Rapid BIOS Boot

- Optimized POST for fast access to PC from power-on

System Memory

Memory Capacity

- One 240-pin DIMM connector
- Designed to support up to 1 GB of system memory using DDR2 533 / 400 SDRAM

Memory Type

- DDR2 533 / 400 SDRAM

Memory Voltage

- 1.8 V

Wake-up from Network

- Wired for Management (WfM) 2.0-compatible
- Support for system wake-up using an add-in network interface card with remote wake-up capability

Expansion Capabilities

- One PCI bus add-in card connector

Jumpers and Front-Panel Connectors

Jumpers

- Single configuration jumper design
- Jumper access for BIOS configuration mode

Front-Panel Connectors

- Reset, HD LED, Power LEDs, power on/off, aux LED
- Two USB 2.0 headers
- Audio header

Mechanical

Board Style

- Mini-ITX, compatible with MicroATX board size
- 6.75" x 6.75" (17.145 cm x 17.145 cm)

Desktop Board Power Requirements

- ATX12V or SFX12V

Environment

Operating Temperature

- 0° C to +55° C

Storage Temperature

- 40° C to +70° C

Regulations

Safety Regulations

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

Europe

- EMC directive 89/336/EEC; EN 55022:1998 Class B; EN 55024:1998

Australia/New Zealand

- AS/NZS 3548, Class B

Taiwan

- CNS 13438, Class B

International

- CISPR 22:1997, Class B

Power requirements vary. Complies with US CRF via EN55022 +6 dB in system configurations with an open chassis and EU Directive 89/336/EEC and use via EN55022 and EN50082-1 in a representative chassis.



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Ordering Information: See the Intel Web site at www.intel.com. For the most current product information, visit developer.intel.com/design/motherbd/

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