Mini-ITX / MicroATX-Compatible Form Factor

Intel® Desktop Boards D201GLY2 and D201GLY2A Essential Series

Reaching the next billion users

Intel® Desktop Boards D201GLY2 and D201GLY2A will change the way you use personal computers. This new generation of Intel® Desktop Boards brings an integrated board and processor solution to the ultra-value market segment for the first time. The innovative design of the Intel Desktop Boards D201GLY2 and D201GLY2A provides low-cost, low-power consumption boards in a mini-ITX/microATX-compatible form factor. The new Intel Desktop Board D201GLY2A includes a thermal solution that has an optimally positioned fan. This ensures the thermal solution will fit broad-channel requirements. These easy-to-use Intel Desktop Boards meet all your computing needs, including email and Internet access, instant messaging (IM), and Voice over Internet Protocol (VoIP). The easy-to-configure basic features of the Intel Desktop Boards D201GLY2 and D201GLY2A allow you to meet your local integration and installation requirements, and offer the high level of quality users have come to expect from Intel Desktop Boards.

Includes
intel Celeron® inside™

intel®
DESKTOP BOARDS
ESSENTIAL
SERIES

Intel® Desktop Boards D201GLY2 and D201GLY2A (includes an active thermal solution)

Intel® Desktop Board D201GLY2A

The boxed Intel® Desktop Boards D201GLY2 and D201GLY2A include:

- Integrated Intel® Celeron® Processor
- ATA 100/66 and SATA Cable
- Back Panel I/O Shield
- Board Layout Sticker
- Quick Reference Guide
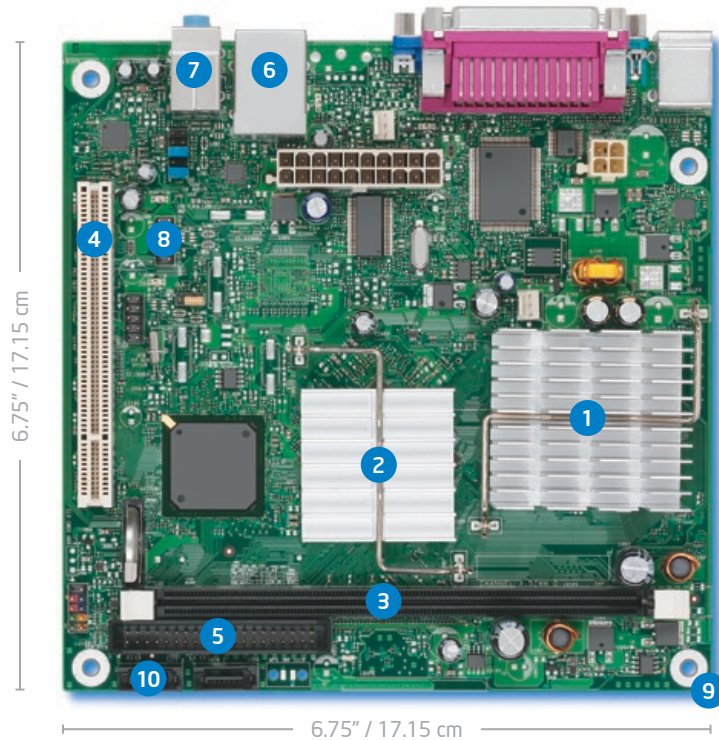- Intel® Express Installer Driver and Software CD

Software Included:

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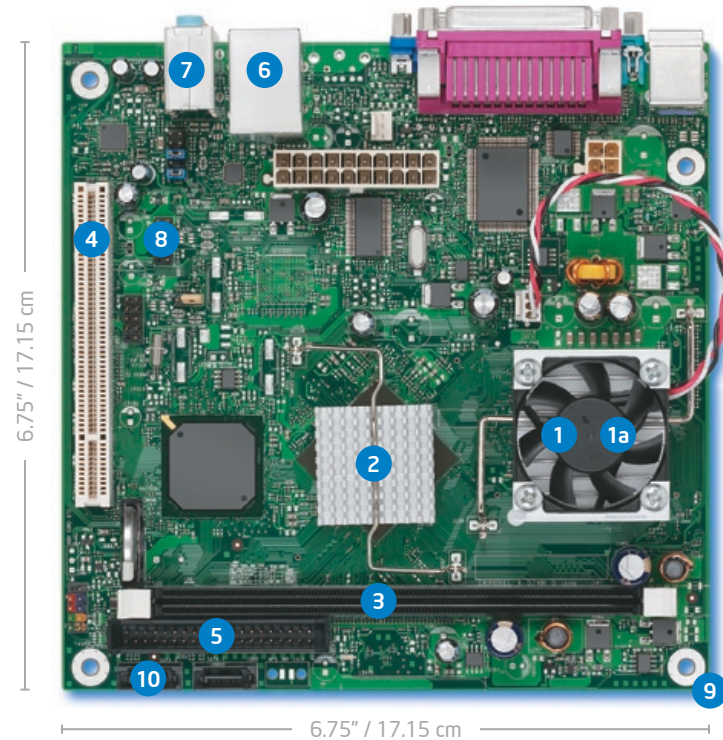
Features and Benefits

Intel® Desktop Boards D201GLY2 and D201GLY2A (includes an active thermal solution)

Intel® Desktop Board D201GLY2

6.75" / 17.15 cm

6.75" / 17.15 cm

Intel® Desktop Board D201GLY2A

6.75" / 17.15 cm

6.75" / 17.15 cm

1 Intel® Celeron® Processor: Integrated, low-power processor with 533 MHz system bus.

1a Active thermal solution: Includes an optimally positioned fan.

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-Mb/s 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 Mini-ITX/microATX-compatible form factor

10 Two Serial ATA ports (1.5 Gb/s)

Technical Specifications

Processor

Processor Support
- D201GLY2: Intel® Celeron® Processor integrated
- D201GLY2A: Intel® Celeron® Processor integrated with active thermal solution

Chipset
- SiS* SIS662 North Bridge
- SiS* SIS964 South Bridge

I/O Features
- Integrated super I/O LPC bus controller
- Ultra ATA 100/66 device support
- Two SATA ports (1.5 Gb/s)
- 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/microATX compatible
- 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 and Safety Standards

United States and Canada
  CSA/UL 60950-1, First Edition (Binational Standard)
Europe
  (Low Voltage Directive 2006/95/EC) EN 60950-1:2006
International
  IEC 60950-1:2001, First Edition

EMC Regulations
(tested in representative chassis)
United States
  FCC 47 CFR Part 15, Subpart B
Canada
  ICES-003 Class B
Europe
  (EMC Directive 2004/108/EC) EN 55022:2006 and EN 55024:1998
Australia/New Zealand
  EN 55022:2006 Class B
Japan
  VCCI V-3/04.04, V-4/03.04, Class B
South Korea
  KN-22:2005 and KN-24:2005
Taiwan
  CNS 13438:2006 Class B
International
  CISPR 22:2005 +A1:2005 +A2:2006 Class B

Environmental Compliance
Europe
  Europe RoHS (Directive 2002/95/EC)
China
  China RoHS (MII Order # 39)

Lead-Free: The symbol is used to identify electrical and electronic assemblies and components in which the lead (Pb) concentration level in any of the raw materials and the end product is not greater than 0.1% by weight (1000 ppm). This symbol is also used to indicate conformance to lead-free requirements and definitions adopted under the European Union's Restriction on Hazardous Substances (RoHS) directive, 2002/95/EC.

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