

IN915GVE 2.0

Intel Pentium 4 with 90nm /65nm Process Socket 775 Processors
Support

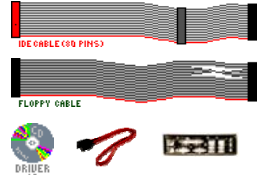
User's Quick Start Card Version 2.00 <http://www.bcmcom.com>

Inspect the Package:

- One **IN915GVE Motherboard**
- One **IDE Cable (80 Pins)**
- One **Floppy Cable**
- One **SATA Cable** and One **Power Cord**
- One **Driver CD**
- One **User's Quick Start Card**
- One **Standard I/O Shield**



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Responsibility:

This manual is provided "As-Is" with no warranties of any kind, expressed or implied, including, but not limited to the implied warranties or conditions of this product's fitness for any particular purpose. In no event shall we be liable for any loss of profits, loss of business, loss of data, interruption of business, or indirect, special, incidental, or consequential damages of any kind, even the possibility of such damages arising from any defect or error in this manual or product. We reserve the right to modify and update the user manual without prior notice.

Attention: CPU Socket Protector

Please read the user's manual carefully prior installing the Processor. Do not remove CPU socket protector if no CPU is in the LGA775 socket. Place the CPU protector back to the socket during transport and when returning board for service.

http://www.intel.com/cd/channel/reseller/asmo-na/eng/products/box_processors/desktop/proc_dsk_p4/technical_reference/99345.htm#processorinstallation

WARNING: CMOS Battery Damage

Replace your system's CMOS RAM battery only with the identical CR-2032 3V Lithium-Ion coin cell (or equivalent) battery type to avoid risk of personal injury or physical damage to your equipment. Improper installation might cause battery to explode. Always dispose of used batteries according to the manufacturer's instructions, or as required by the local ordinance (where applicable). The damage due to not following this warning will void your motherboard's manufacturer warranty.

Additional Information:

Additional information on setting this board up can be found in the User's Manual in the provided CD-ROM. The Online User's Manual and FAQ/Knowledge Base can be found on our website by visiting our website: <http://www.bcmcom.com>. If your question is not answered in our FAQ/Knowledge Base, visit our forums and post your messages or submit a new FAQ through FAQ Submittal form for us to add your question in our FAQ with our answer.

ATTENTION: Incorrect BIOS Setup

If you do not know how to handle BIOS setup or how to set it up properly, it is strongly advisable that you do not modify any of the settings than otherwise instructed in the User's Quick Start Card. Even a seemingly small incorrect adjustment or modification in the BIOS setup can render your system unstable or unusable. The incorrect BIOS setup is not covered by your motherboard's manufacturer warranty.

WARNING: Misplaced Jumper Damage

Incorrect jumpers and connectors settings may lead to damage to your motherboard and will void your motherboard warranty. Please pay special attention not to connect these headers in wrong direction. DO NOT change ANY jumpers while the motherboard has power.

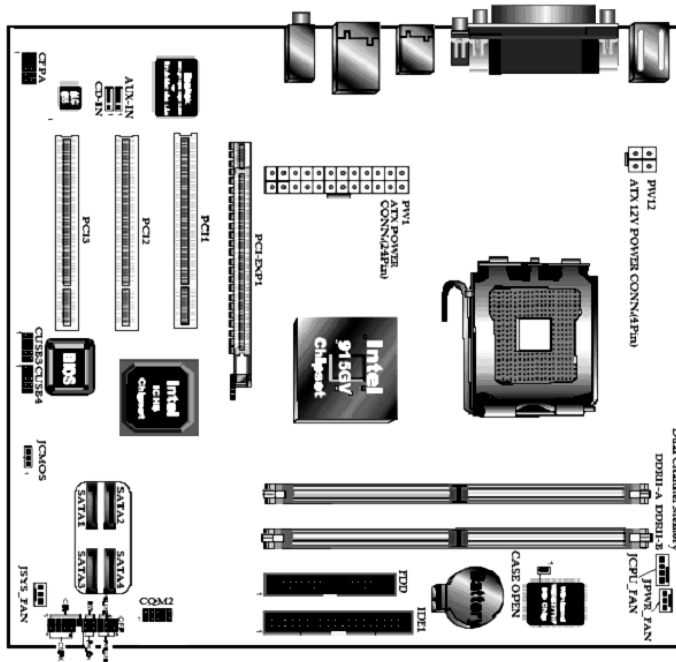
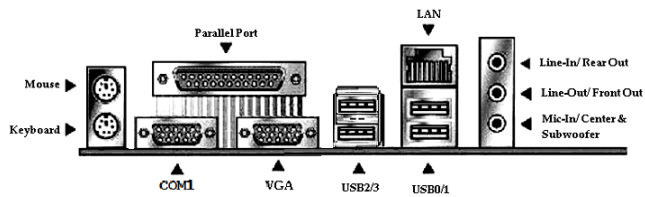
Jumper / Connector/ Header

Jumper	Description	Note
JCMOS	Clear CMOS	
JUSB	USB S3 Wake up Jumper	

Connector/ Header	Description	Note
AUX-In	AUX-In	
CD-In	CD-In	
CFPA	Front Audio	
PCI3	PCI Slot 3	
PCI2	PCI Slot 2	
PCI1	PCI Slot 1	
PCI-EXP1	PCI Express x16	
J17	Front USB Header 2	
J18	Front USB Header 1	
JCPU_FAN	CPU Fan Header	
JPWR_FAN	Fan-2 Header	
JSYS_FAN	Fan-3 Header	
CFP	Front Panel Header	
SATA1	SATA-1	
SATA2	SATA-2	
SATA3	SATA-3	
SATA4	SATA-4	
IDE1	Parallel IDE	
FDD	Floppy	
PW1	ATX Power Connector	24 Pin Block
PW12	ATX12V Power Connector	4 Pin Block
COM1	COM Port Connector	DB9
COM2	COM Port Header	10 Pin Header

Socket	Description	Note
LGA775	CPU Socket 775	
DDR2 A1	DDR2 Channel 1 Memory Socket	
DDR2 B1	DDR2 Channel 2 Memory Socket	

Motherboard Layout:



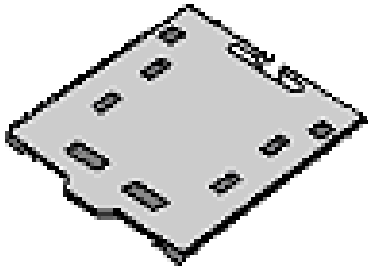
⚠ WARNING: Electrostatic Sensitive Device (ESD)

Static electricity can easily damage your motherboard and will void your motherboard warranty. Keep the motherboard and other system components in their anti-static packaging until you are ready to install them. Touch a grounded surface before you remove any system component from its protective anti-static packaging. Unpacking and installation should be done on a grounded, anti-static mat. The operator should be wearing an anti-static wristband, grounded at the same points as the anti-static mat. During configuration and installation

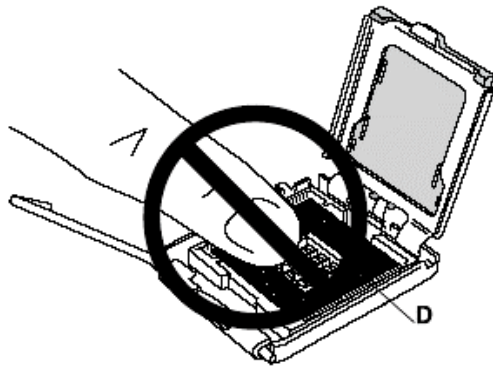
Save the Processor Socket Cover

After removing the processor cover during processor installation, please save the processor socket cover.

In the event that the desktop board needs to be returned for service or any time the processor is removed, the cover should be replaced on the processor socket.



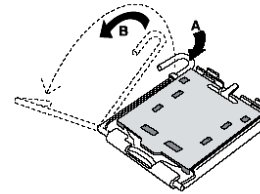
Do not Touch Socket Contact



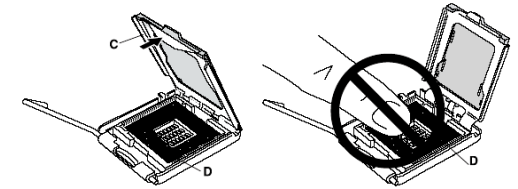
CPU Installation

This processor is intended to be professionally installed. Before installing the processor, please review the additional notes available at <http://www.intel.com/go/integration>. Take proper electrostatics discharge (ESD) precautions such as using appropriate ground strips, gloves, and ESD mats.

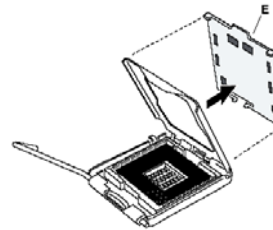
1) Open socket lever by pushing lever down and away from socket (A). Lift lever (B).



2) Open load plate (C). **DO NOT TOUCH SOCKET CONTACTS (D)**



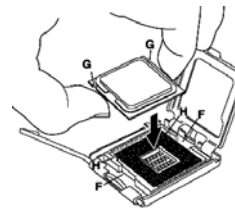
3) Remove protective cover (E) from load plate. Do not discard the protective cover. Always replace the socket cover if the processor is removed from the socket.



4) Remove processor from protective cover. **(HOLD PROCESSOR ONLY AT EDGES, BEING CAREFUL NOT TO TOUCH BOTTOM OF PROCESSOR)** Do not discard the protective cover. Always replace the socket cover if the processor is removed from the socket.



5) Hold processor with thumb and index fingers oriented as shown. {Ensure fingers align to socket cutouts (F)}. Align notches (G) with socket (H). Lower the processor straight down without tilting or sliding the processor in the socket.



6) Close load plate. Pressing down on load plate (I) close and engage socket lever (J).

