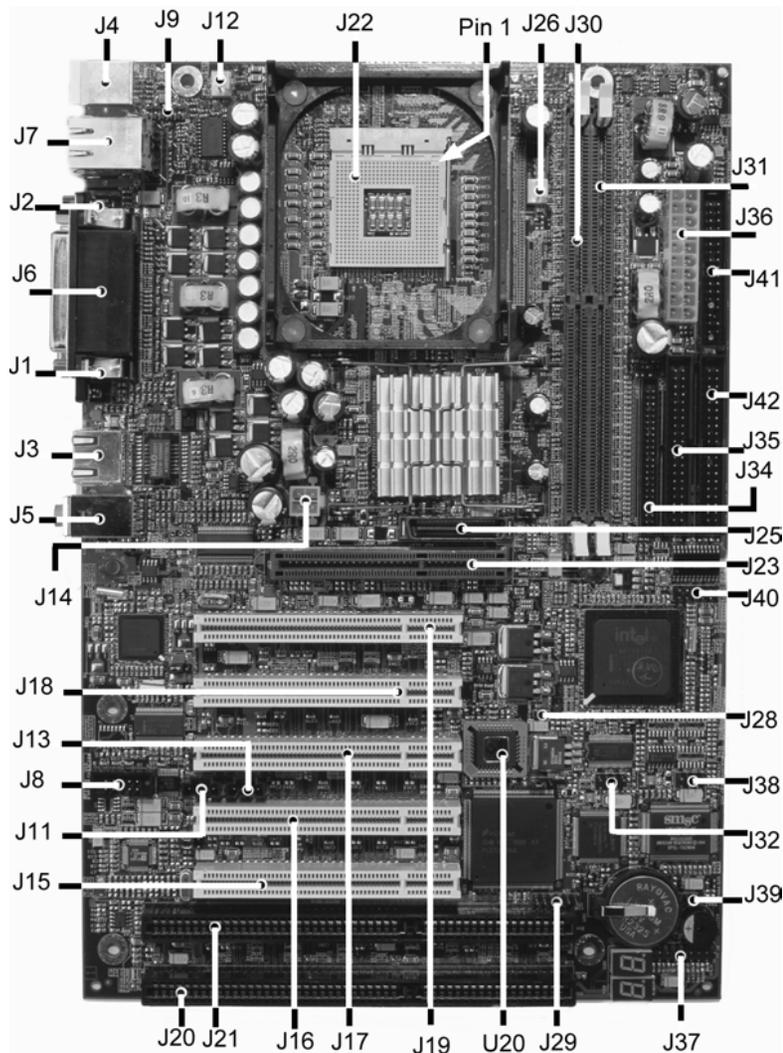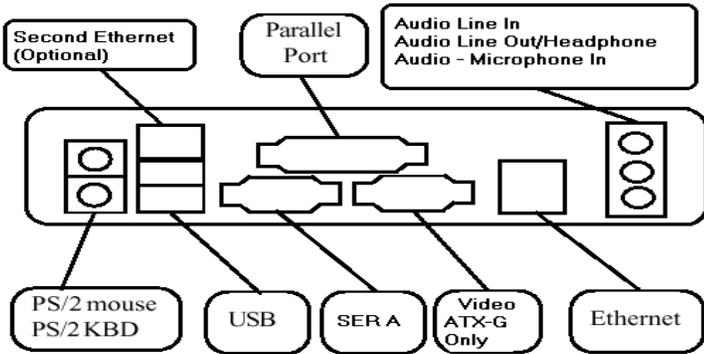This quick installation guide was designed to help with the basic configuration for the Phoenix ATX. More detailed information can be found in the installation guide.

Connector	Description
J1	VGA DB15 (ATX-G only)
J2	SER A
J3	Ethernet 1 (Optional 10/100/1000) RJ45
J4	(Bottom)Keyboard – PS/2 (Top)Mouse – PS/2
J5	Audio – Mic. In (pink), Line Out/Headphone (green) and Line In (blue)
J6	LPT - Parallel
J7	(Bottom) USB (Ports 2 & 3) - (Top) Ethernet 2 (Optional)
J8	SER B

J9	Keyboard/Mouse Header
J11	Audio - Aux. In Header
J12	Rear Chassis Fan
J13	Audio – CD In Header
J14	ATX Power Aux. Connector
J15	PCI Connector 5
J16	PCI Connector 4
J17	PCI Connector 3
J18	PCI Connector 2
J19	PCI Connector 1
J20	ISA Slot 1
J21	ISA Slot 2
J22	CPU Socket
J23	AGP Slot/ADD Connector (ADD capabilities on ATX-G only)
J25	DVO Connector (ATX-G Only)
J26	CPU Fan
J28	Intruder detection Header
J29	JTAG
J30	DDR DIMM Socket 0
J31	DDR DIMM Socket 1
J32	USB Header (Ports 4 & 5)
J34	Alt. Secondary IDE
J35	Secondary IDE
J36	ATX Power Connector
J37	Front Panel Header
J38	USB Header (Ports 0 & 1)
J39	Keylock Header
J40	GPIO Header
J41	Floppy Disk Drive Connector
J42	Primary IDE

Pin#	Front Panel Header – J37
1	HDD LED Anode
2	Power LED Green Blink
3	HDD LED Cathode
4	Power LED Yellow Blink
5	Reset - GND
6	Power Switch
7	Reset
8	Power Switch - GND
9	+5V
10	NC
11	Infra Red Rx (Opt.)
12	GND
13	GND
14	Power LED Cathode - GND
15	Infra Red Tx (Opt.)
16	Power LED Anode

Back Panel

System Memory Features:

- 2.5 V (only) 184-pin DDR SDRAM DIMMs with gold-plated contacts.
- Unbuffered, unregistered single-sided or double-sided DIMMs.
- Maximum total system memory: 2 GB; minimum total system memory: 32 MB .
- DDR333 MHz (PC2700) and DDR266 MHz (PC2100) DDR SDRAM DIMMs only.
- Serial Presence Detect (SPD).
- Do not use ECC DIMMs.
- Do not use Registered DIMMs.
- Do not use DDR200 DIMMs.
- Do not use DDR333 with 400MHz PSB processors.
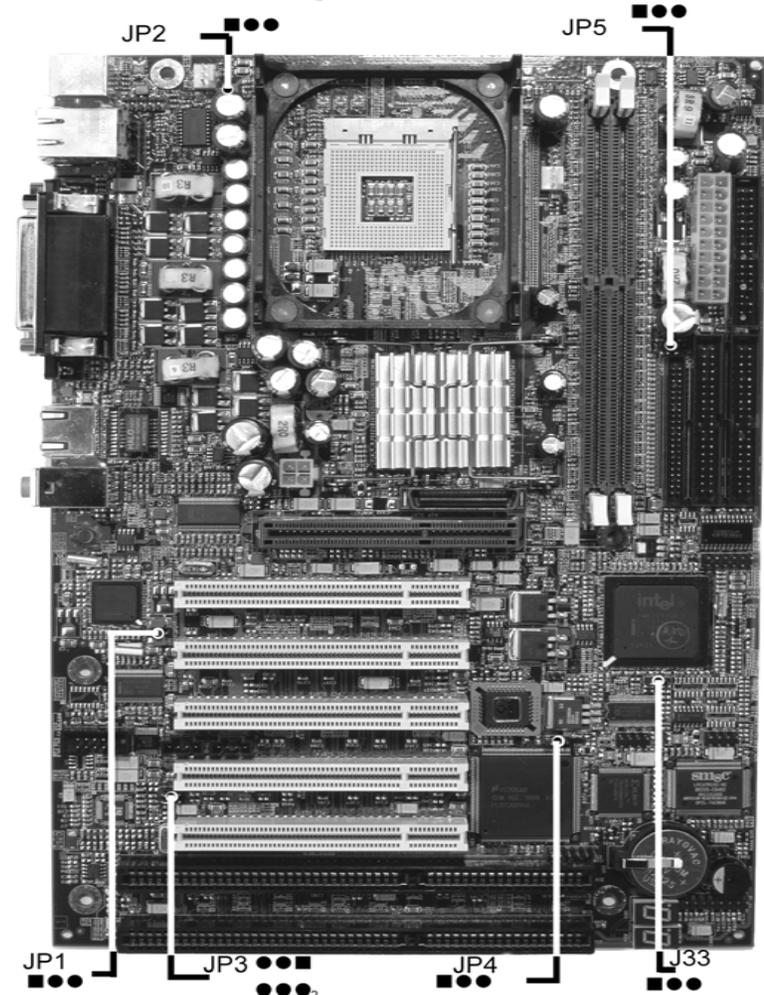- Double sided x16 DIMMs are not supported.

DIMM Capacity	# of Dev./ DIMM	# of Sides	DRAM Tech.	Front Side Population		Back Side Population	
				Count	Config	Count	Config
32 MB	4	SS	64 Mbit	4	4 M x 16		
64 MB	8	SS	64 Mbit	8	8 M x 8		
64 MB	4	SS	128 Mbit	4	8 M x 16		
128 MB	16	DS	64 Mbit	8	8 M x 8	8	8 M x 8
128 MB	8	SS	128 Mbit	8	16 M x 8		
128 MB	4	SS	256 Mbit	4	16 M x 16		
256 MB	16	DS	128 Mbit	8	16 M x 8	8	16 M x 8
256 MB	8	SS	256 Mbit	8	32 M x 8		
256 MB	4	SS	512 Mbit	4	32 M x 16		
512 MB	16	DS	256 Mbit	8	32 M x 8	8	32 M x 8
512 MB	8	SS	512 Mbit	8	64 M x 8		
1024 MB	16	DS	512 Mbit	8	64 M x 8	8	64 M x 8

PROCESSOR:
The latest revision of the Phoenix ATX currently supports full series of Intel Pentium IV (mPGA478 400MHz and 533MHz PSB) processors.

MN-P4GAX-Q1

Jumper	Description	Manufacturer's Settings	Jumper Position
JP1	On-Board Ethernet 1 Enabling	Enabled	1-2
JP2	CPU Voltage	Desktop	1-2
JP3	Audio Output Mode	Line Out	3-5, 4-6
JP4	Power-On Selection	Power-On immediately	1-2
JP5	ATA disk Voltage	5Vcc	1-2
J33/JP33	CMOS Reset	Normal	1-2