

Jumper Setting Definitions

Jumper Function

JP1	Cache Memory Leave at default (1-2) for none or 256 KB.
JP2	Cache Memory Leave at default (Off) for none or 256 KB.
JP3	Cache Memory Leave at default (Off) for none or 256 KB.
JP4	System ROM Program Power Pin Leave at default (off) for none required
JP5	IDE Manufacturers Default 1-2: On * 3-4: On * 5-6: On *
JP6	Processor Configuration - See Table
JP7	Cache Memory Leave at default (Off) for none or 256 KB.
JP8	Cache Memory Leave at default (Off) for none or 256 KB.
JP9	Cache Memory Leave at default (On) for none or 256 KB.
JP10	Processor Configuration - See Table
JP11	Clear CMOS On: Clear CMOS at Boot Off: Normal Boot *
JP12	Integrated I/O 1-2: Enable * 2-3: Disable
JP13	Parallel ECP Resources 1-2: DRQ1 / DACK 1 * 2-3: DRQ3 / DACK 3
JP14	Parallel ECP Resources 1-2: DRQ1 / DACK 1 * 2-3: DRQ3 / DACK 3
JP15	Integrated Video 1-2: Enable * 2-3: Disable
JP17	Processor Clock - See Table
JP18	Processor Voltage 1-2: 5 Volt 3-4: 3.3 Volt 5-6: 3.45 Volt *

7-8: 3.6 Volt
 9-10: 4.0 Volt

JP19-29 Processor Configuration - See Table
 JP32 Processor Configuration - See Table
 * Default Setting

Processor Clock (JP17)

External

Speed	1-2	3-4	5-6
25 MHz	On	Off	Off
33 MHz*	On	On	On
40 MHz	On	On	Off
50 MHz	Off	Off	On

Processor Voltage (JP18)

Voltage JP18

5 Volt	1-2
3.3 Volt	3-4
3.45 Volt *	5-6
3.6 Volt	7-8
4.0 Volt	9-10

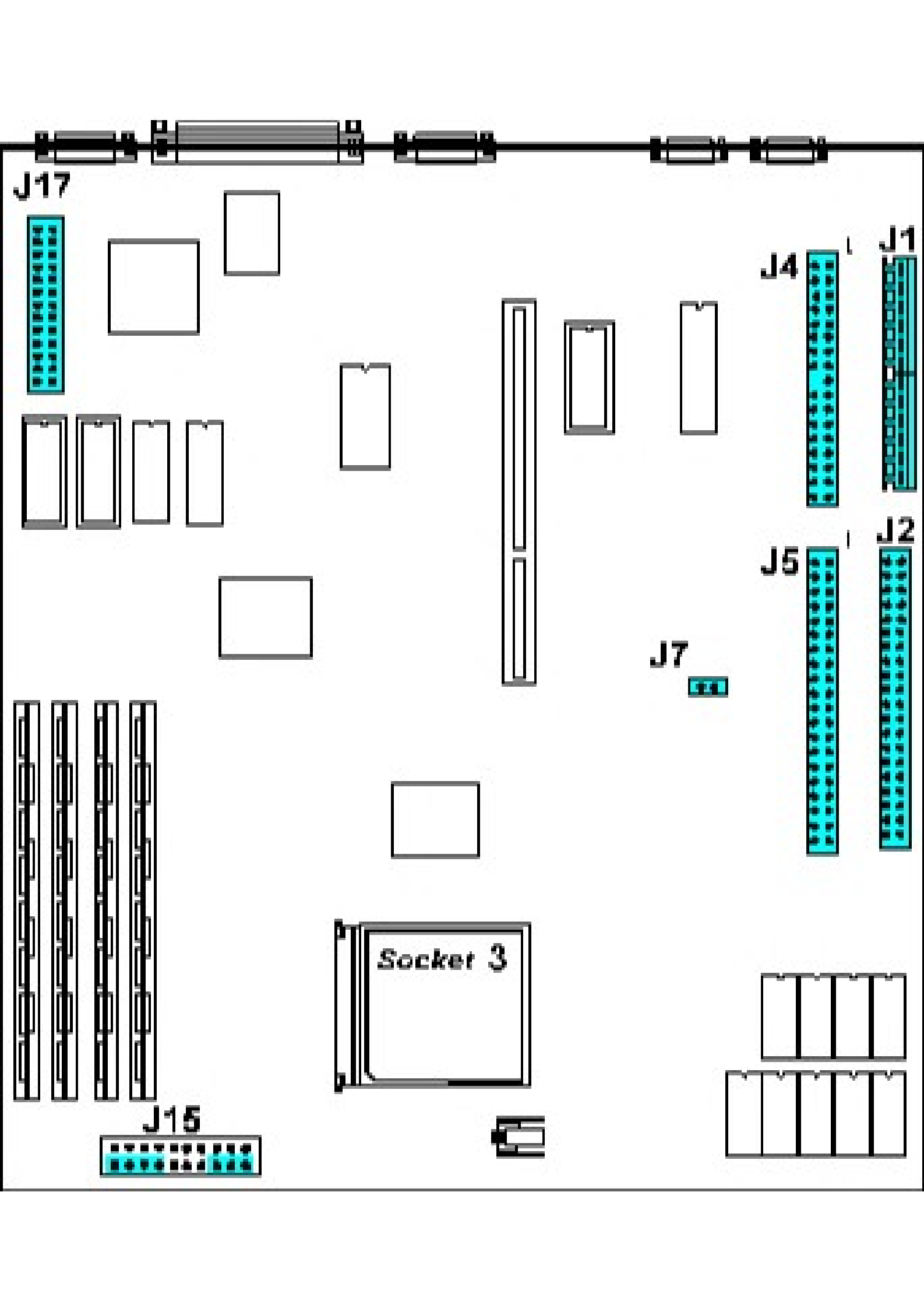
Processor Configuration

Processor

Jumper	Cyrix/TI 486DX *	Intel 486DX **	Cyrix 5X86	AMD 5x86	Intel
JP6	1-2	1-2	1-2	1-2	1-2
JP10	2-3	1-2	1-2	1-2	1-2
JP19	On	Off	Off	Off	Off
JP20	Off	Off	Off	Off	Off
JP21	Off	Off	Off	2-3	Off
JP22	2-3	2-3	2-3	2-3	2-3
JP23	1-2	1-2	1-2	1-2	2-3
JP24	2-3	3-4	1-2, 3-4	Off	Off
JP25	1-2	1-2	1-2	1-2	1-2
JP26	2-3	1-2, 3-4	1-2, 3-4	1-2	1-2
JP27	2-3 Off	Off Off	1-2		
JP28	1-2, 3-4	1-2, 3-4	1-2, 3-4	1-2, 3-4	
JP29	1-2, 3-4	2-3, 4-5	2-3, 4-5	2-3, 4-5	
JP32	Off Off	Off Off	Off		

* Default Settings

** Intel P24D (SI enhanced, write-back L1 cache)



Cable Header Locations

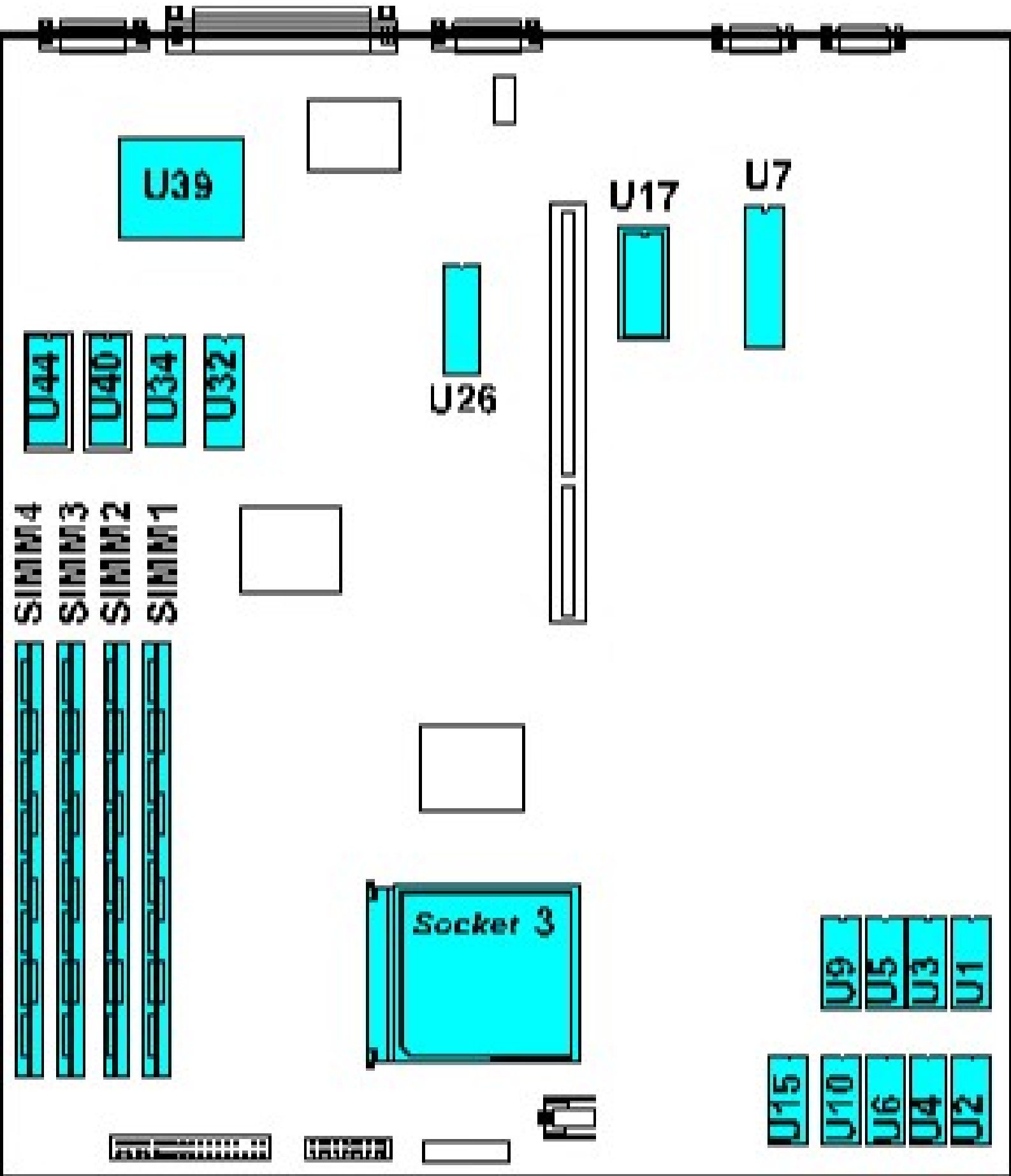
Location	Function
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System Board

J1	Power Supply
J2	Primary IDE Interface
J4	Floppy Controller
J5	Secondary IDE Interface
J7	IDE LED Connector
J15	Speaker (front-left four pins) Power LED (front-right three pins)
J17	Video Pass-through

Riser Board

J4	CD Audio Cable
J6	Sound I/O Circuit Board



Component Locations

System Board	
BIOS	U17
Keyboard Controller	U7
Processor	
"Socket 3" ZIF	U21
RAM	
SIMM 1	U35
SIMM 2	U36
SIMM 3	U37
SIMM 4	U38
CL-GD5440 Video Chip	U39
Cache Memory	U1, U2, U3, U4, U5, U6, U9, U10
Cache TAG Chip	U15
Riser Board	
ESS 1868F Sound Chip	U4

RAM Configuration

Total	SIMM 1	SIMM 2	SIMM 3	SIMM 4
8 MB	4 MB	4 MB	-	-
8 MB	8 MB	-	-	-
12 MB	4 MB	-	8 MB	-
12 MB	4 MB	4 MB	4 MB	-
16 MB	8 MB	8 MB	-	-
16 MB	16 MB	-	-	-
16 MB	4 MB	4 MB	8 MB	-
16 MB	4 MB	4 MB	4 MB	4 MB
20 MB	4 MB	-	16 MB	-
24 MB	8 MB	-	16 MB	-
24 MB	4 MB	4 MB	16 MB	-
24 MB	8 MB	8 MB	8 MB	-
24 MB	4 MB	4 MB	8 MB	8 MB
32 MB	16 MB	16 MB	-	-
32 MB	32 MB	-	-	-
32 MB	8 MB	8 MB	16 MB	-
32 MB	8 MB	8 MB	8 MB	8 MB
36 MB	4 MB	-	32 MB	-
40 MB	8 MB	-	32 MB	-
40 MB	4 MB	4 MB	32 MB	-
40 MB	4 MB	4 MB	16 MB	16 MB
48 MB	16 MB	-	32 MB	-
48 MB	8 MB	8 MB	32 MB	-
48 MB	16 MB	16 MB	16 MB	-
48 MB	8 MB	8 MB	16 MB	16 MB
64 MB	32 MB	32 MB	-	-
64 MB	16 MB	16 MB	32 MB	-
64 MB	16 MB	16 MB	16 MB	16 MB
72 MB	4 MB	4 MB	32 MB	32 MB
80 MB	8 MB	8 MB	32 MB	32 MB
96 MB	32 MB	32 MB	32 MB	-
96 MB	16 MB	16 MB	32 MB	32 MB
128 MB	32 MB	32 MB	32 MB	32 MB

Resource Usage

Component	IRQ	DMA	I/O Address	Upper Memory
System Board	0, 8	4	0000h	F000-FFFF
Keyboard Port	1	-	0060h	-
Floppy	6	2	03F0h	-
Hard Drive	14	-	01F0h	-
Mouse Port	12	-	0060h	-
Parallel(LPT1:)	7	-	0378h	-
Serial (COM1:)	4	-	03F8h	-
Integrated VGA	-	-	03C0h	A000-C7FF
CPU Coprocessor	13	-	-	-
Sound	5	1, 5	0220h	-
Game Port	-	-	0200h	-
Audio	-	-	0220h	-
MIDI Address	-	-	0330h	-
Music Synth	-	-	0388h	-
Modem (Data/Fax)	3 9	-	02F8h	-

Sound Configuration

Sound is provided by the ESS 1868F sound controller, which is a SB16 compatible device. The sound circuitry is located on the riser board.

A separate sound circuit board attaches at the rear of the chassis, and supplies four I/O ports:

- Line In
- Line Out
- Microphone
- Joystick / MIDI Interface

A ribbon cable connects this I/O board with the riser board at location J6. Pin-1 orientation is toward the front of the system. The CD-ROM audio cable connects to the riser board at location J4.

Beep Codes

Code				Replaceable Unit
1	2	2	3	BIOS, System board
1	3	1	1	SIMM, System board
1	3	1	4	Keyboard controller, System board
1	3	4	1	SIMM, System board
1	3	4	3	SIMM, System board
1	4	1	1	SIMM, System board
2	1	2	3	System board
2	2	3	1	System board

Advantage! Adventure! 575 & 575+ CMOS Options

Access: Press <Delete> during warm or cold boot

User Interface

Move through configuration fields - <Up / Down Arrows>

Change configuration - <PageUp / PageDown>

Help (in sub-menus) - <F1>

Load last saved values (in sub-menus) - <F5>

Load default values (in sub-menus) - <F6>

Exit to Main Menu - <ESC>

Exit CMOS without saving changes - <ESC> from Main Menu

Exit CMOS and save changes - <F10> from Main Menu

Main Menu:

System Setup

Fixed Disk Setup

Advanced System Setup

Boot Options

Security and Anti-Virus

Green PC Features

[SYSTEM SETUP]

System Time: Choose Hour, Minute, and Second in 24-hour format.

System Date: Choose Date, Month, and Year.

Video System: Choose EGA/VGA, Monochrome, or CGA 80x25.

System Memory: Displays amount of base memory detected; for reference only.

Extended Memory: Displays amount of extended memory detected; for reference only.

Diskette Drive A: Choose None, 360 KB, 720 KB, 1.2 MB, 1.44 MB or 2.88 MB.

Diskette Drive B: Choose None, 360 KB, 720 KB, 1.2 MB, 1.44 MB or 2.88 MB.

Keyboard: Choose Installed or Not Installed.

Return to Main Menu

[FIXED DISK SETUP]

IDE Adapter 0 Master: Press <Enter> to access the sub-menu below:

Autotype Fixed Disk: Press <Enter> to auto detect and configure the attached IDE drive.

Type: Choose None, User, Auto, or a pre-defined drive type number from 1-39.

If User is chosen, the fields below may be configured:

Cylinders: Choose the number of drive cylinders.

Heads: Choose the number of drive heads.

Sector/Track: Choose the number of sectors per track.

Write Precomp: Choose the write precompensation

cylinder.

Multi-Sector Transfers: Choose 16, 8, 4, 2, or

Disabled.

LBA Mode Control: Choose Enabled or Disabled.

32 Bit I/O: Choose Enabled or Disabled.

IDE Adapter 0 Slave: Press <Enter> to access the sub-menu, which is identical to the IDE 0 Master menu documented above.

IDE Adapter 1 Master: Press <Enter> to access the sub-menu, which is identical to the IDE 0 Master menu documented above.

IDE Adapter 1 Slave: Press <Enter> to access the sub-menu, which is identical to the IDE 0 Master menu documented above.

Large Disk Access Mode: Choose DOS or Other.

Return to Main Menu

[ADVANCED SYSTEM SETUP]

Integrated Peripherals: Press <Enter> to access the sub-menu below:

COM1 Port:: Choose 3F8/IRQ4, 3E8/IRQ4, 2F8/IRQ3, 2E8/IRQ3, Auto, or Disable.

LPT Port: Choose 378/IRQ7, 278/IRQ7, 378/IRQ5, 278/IRQ5, Auto, or Disable.

LPT Mode: Choose Standard, Bi-Directional, EPP, or ECP.

Diskette Controller: Choose Enabled or Disabled.

On-board IDE Adapter: Choose Both, Primary, or Disabled.

Memory Cache: Press <Enter> to access the sub-menu below:

Cache Auto Configuration: Choose Enabled or Disabled.

External Cache: Choose Enabled or Disabled.
System BIOS Cacheable: Choose Enabled or Disabled.
Video BIOS Cacheable: Choose Enabled or Disabled.
L2 Cache Write Back: Choose Enabled or Disabled.
Cache Speed: Choose 3-2-2-2, 3-1-1-1, 2-2-2-2, or 2-1-1-1.
Available only if Cache Auto Configuration is

Disabled.

Memory Shadow: Press <Enter> to access the sub-menu below:

System Shadow: Set to Enabled, for reference only.
Video Shadow: Choose Enabled or Disabled.
Shadow Memory Regions: Choose any combination of 16 KB
regions between C800h and DFFFh for
peripheral adapter BIOS shadowing.

PCI Devices: Press <Enter> to access the sub-menu below:

PCI Auto Configuration: Choose Enabled or Disabled.
PCI Device, Slot #1
Enable Master: Choose Enabled or Disabled.
Use Default Latency Timer Value: Choose Yes or No.
Latency Timer Value: Choose a hex value from 0000 to
00F8. Default is 0040.

PCI Device, Slot #2
Enable Master: Choose Enabled or Disabled.
Use Default Latency Timer Value: Choose Yes or No.
Latency Timer Value: Choose a hex value from 0000 to
00F8. Default is 0040.

Plug & Play OS: Choose Yes or No.

Reset Configuration Data: Choose Yes to clear all stored PCI
configuration information.

Return to Main Menu

[BOOT OPTIONS]

Boot Sequence: Choose A: then C:, C: then A:, or C: Only.

Floppy Check: Choose Enabled or Disabled.

Return to Main Menu

[SECURITY & ANTI-VIRUS]

Supervisor Password is: Displays Enabled or Disabled; for reference only.

User Password is: Displays Enabled or Disabled; for reference only.

Set Supervisor Password: Press <Enter>, then type in the supervisor password, and type again to verify.

To disable a password, press <Enter>

at both prompts.

Set User Password: Press <Enter>, then type in the supervisor password, and type again to verify.

To disable a password, press <Enter> at both prompts.

** Note that the User Password cannot be activated unless a Supervisor Password is first activated.

Password on Boot: Choose Enabled or Disabled. Note that a password is always required to run Setup if one is active.

Diskette Access: Choose Supervisor or User.

Return to Main Menu

[GREEN PC FEATURES]

Power Saving Mode: Press <Enter> to access sub-menu below:

System Doze Timer: Choose Disabled, or a time from 15 seconds to 8 Minutes.

System Standby Timer: Choose Disabled, or a time from 2 Minutes to 512 Minutes.

System Suspend Timer: Choose Disabled, or a time from 2 Minutes to 512 Minutes.

VGA with Power Down Feature: Choose None, Standard, or VESA DPMS.

Non-SMI CPU Support: Options are Generate IRQ10 and Generate IRQ15. Leave at default value Generate IRQ10.

IDE Hard Disk Standby Timer: Choose Disabled, or a time from 1 Minute to 15 Minutes.

Advanced Power Management Setup - System enters Doze / Standby modes by:

VGA Access Event: Choose On or Off.

Hard Disk Access Event: Choose On or Off.

Return to Main Menu

[LOAD ROM VALUES]

Load ROM Values: Double-click this field to load ROM values.

[LOAD CMOS VALUES]

Load CMOS Values: Double-click this field to load CMOS values.

[SAVE CMOS VALUES]

Save CMOS Values: Double-click this field to save CMOS values.

Return to Main Menu