Date & Time	Memory	Video & CPU
Date [11/14/1990] Time [16:21:58]	Base [640K] Extended [1024K] Total = 1664K	Video [VGA or EGA] CPU speed [Slow]
Hard Drives	Floppy Drives	Options
C: [40Meg-Type17] D: [None] SmartDrive installed [Y]	A: [1.44M 3.5-inch] B: [1.2M 5.25-inch] Startup Floppy [A:] Controller [Enabled]	Serial port [Disabled] Parallel port [1] Bidirectional [N] Mouse [Disabled]

```
<ESC> Exit to DOS without saving setup   <CTRL_BRK> Reboot without saving
<F1> Help for option that cursor is on      <SPACE> Toggles options
<F2> Save setup and exit                    <ARROW> Moves to next option
```

TYPE	HEAD	CYLINDER	PRECOMP	PARK	SECTORS	SIZE(Megabytes)
SCSI						
None						
1	4	306	128	305	17	10
2	4	615	300	615	17	20
3	6	615	300	615	17	30
4	8	940	512	940	17	62
5	6	940	512	940	17	46
6	4	615	None	615	17	20
7	8	462	256	511	17	30
8	5	733	None	733	17	30
9	15	900	None	901	17	112
10	3	820	None	820	17	20
11	5	855	None	855	17	35
12	7	855	None	855	17	49

```
<    > Next Line                      <     >  Previous Line
<PgDn > Next Page                     <PgUp >  Previous Page
<ENTER> Update and Return to Main Screen
< ESC > Return to Main Screen Without Updating
< F1  > Help
```

TYPE	HEAD	CYLINDER	PRECOMP	PARK	SECTORS	SIZE(Megabytes)
13	8	306	128	319	17	20
14	7	733	None	733	17	42
15						
16	4	612	0	663	17	20
17	5	977	300	977	17	40
18	7	977	None	977	17	56
19	7	1024	512	1023	17	59
20	5	733	300	732	17	30
21	7	733	300	732	17	42
22	5	733	300	733	17	30
23	4	306	0	336	17	10

```
24
25      4     615           0     615    17      20
26      4    1024        None    1023    17      34
27      5    1024        None    1023    17      42
------------------------------------------------------------------
<      > Next Line                      <       >   Previous Line
<PgDn > Next Page                       <PgUp >   Previous Page
<ENTER> Update and Return to Main Screen
< ESC > Return to Main Screen Without Updating
< F1  >  Help

TYPE   HEAD   CYLINDER   PRECOMP   PARK   SECTORS   SIZE(Megabytes)
------------------------------------------------------------------
28     10     981        None     980    17        81
29      8     512         256     512    17        34
30
31
32
33
34
35      9    1023        None    1023    17        76
36     10    1024        1023    1023    17        85
37      5     989         128     989    17        41
38      5    1024        1024    1024    17        42
39      6     820         820     820    17        40
40      8    1024        1024    1024    17        68
41      6     306         153     306    17        15
Any    (Non Standard Hard Disk)
------------------------------------------------------------------
<      > Next Line                      <       >   Previous Line
<PgDn > Next Page                       <PgUp >   Previous Page
<ENTER> Update and Return to Main Screen
< ESC > Return to Main Screen Without Updating
< F1  >  Help


-------------------------------------
     Non Standard Hard Disk Drive
-------------------------------------

Heads                    [    0]
Cylinders                [    0]
Precompensation
  Cylinder # or 'NONE' [    0]
Head Landing Zone        [    0]
Sectors Per Track        [    0]

Enter the above information from
your hard drive users manual.

-------------------------------------
< ESC > Return to Selection Screen
<ENTER> Complete One Entry


Your computer contains a battery-powered, real-time CMOS RAM chip that
stores information about the drive, memory, and video support installed
in your system.  Use the Setup utility to record your current system
configuration into CMOS RAM.
```

The battery that powers the CMOS RAM also supplies power to the internal clock. The clock maintains current date and time information. If the system clock fails to keep accurate time, it might indicate the the CMOS RAM battery is weak. If you need to replace the battery, contact a Radio Shack Service Center or refer to "Replacing the Battery" in the "Installing Optional Hardware" section.

You must run the setup utility each time you:

*   Install or remove a video display adapter, an optional diskette drive or hard disk drive, or memory

*   Change the CPU clock speed.

*   Enable or disable the IDE interface or port, the diskette drive controller, or the mouse port.

*   Replace the CMOS RAM battery.

The computer stores the hardware configuration record in memory until the battery fails or you change the information with the Setup utility.

SETUP CONFIGURATION SCREEN

The Setup utility summarizes your system configuration, as it is currently recorded in CMOS RAM, on a graphic screen. If you run Setup after receiving a power-on configuration error message, this screen is displayed automatically when you insert the Utilities Diskette and press F1. This screen is also displayed when you run Setup from the Utilities Menu.

From the configuration screen, you can:

*   Enter the current date and time.

*   Specify the amount of base memory and extended memory currently installed in the computer.

*   Identify the type of video adapter in the computer.

*   Set the CPU clock speed.

*   Enable or disable the IDE controller.

*   Identify any hard disk drives installed in the computer. For non-standard drives, you can specify:

    -- The number of heads
    -- The number of cylinders
    -- The number of the precompensation cylinder
    -- The head landing zone, where the heads are parked
    -- The number of sectors per track

NOTE: The computer supports up to 2 hard disk drives. Setup designates one drive as drive C, the other as drive D. Logical drives (partitions within a physical drive) are not recognized by Setup.

*   Identify any diskette drives in your computer and enable or disable the
    on-board diskette drive controller.

*   Enable or disable serial ports, including the mouse port.

*   Enable or disable a parallel port and identify a parallel port as
    bidirectional of unidirectional.

The keys listed on the screen enable you to move among the various
sections on the screen and provide the following functions:

*   ESC - Ends Setup without saving the displayed configuration. Returns
        to the Utilities Menu (if you are using the Utilities Diskette) or
        the operating system prompt. If you changed any configuration
        settings, the changes will not be saved.

*   F1 - Displays help about the currently highlighted field.

*   F2 - records the currently displayed configuration into CMOS RAM and
        reboots the computer. Press F2 when you are finished updating the
        system configuration.

*   CTRL+BRK - Restarts the computer without saving the currently displayed
        configuration.

*   SPACE BAR - Displays the values that can be assigned to a Setup
        parameter. For hard drives, pressing the space bar displays a list
        of all predefined disk types. For the date and time, pressing the
        space bar clears the current entry. For all other fields, pressing
        the space bar changes the value displayed on the screen.

*   DIRECTION KEYS - Enable you to move to the section of the screen you
        want to update, and to move among fields within a section.

Note: Keep a current list of your configuration.

RUNNING SETUP AFTER POWER-ON SELF-TESTS

When you turn on the computer, it automatically runs a series of
diagnostic power-on self-tests. If these tests reveal any differences
between the actual system configuration and the recorded configuration,
you will hear a warning signal (beep) and see a message that asks you to
run Setup. If you receive a configuration error:

1. Run Setup to correct the information recorded in CMOS RAM.
2. Make a note of the errors listed on the Setup Warning Information
    screen.
3. Update and save the system configuration. The system will reset and
    put the new settings into effect.

NOTE: If, after you reset the computer, it still sounds a warning signal
and prompts you to run Setup:

        *   Make sure all system cords are plugged in solidly.
        *   Make sure the expansion adapters are seated properly.
        *   Make sure all jumpers and switches are set correctly.
        *   Check to see that the hardware information in Setup is correct.

* Make sure the CMOS RAM battery is properly connected.

RUNNING SETUP FROM THE UTILITIES MENU

To run Setup from the Utilities Menu:

1. Type 4 and press ENTER.
2. Make a note of any configuration errors listed.
3. Press any key to display the Setup configuration screen.
4. Update and save the configuration screen.

RUNNING SETUP FROM THE MS-DOS PROMPT

You can copy the Setup utility to your operating system diskette or your
hard disk. This enables you to change hardware configuration information
without first restarting the computer and inserting the Utilities
Diskette.

Use the MS-DOS copy command to copy Setup from the Utilities Diskette to
another diskette or to a hard disk. To run the Setup utility from the
operating system diskette or hard disk, type the following command, at the
operating system prompt (A> or C>):

        SETUPL33

and press ENTER.