

- top.
- Mount the 50 pin connector to the hard drive mounting bracket so that the top of the connector (number side) is visible. Use 2 rounded-head flange screws (included) to secure the cable assembly to the bracket.

Step 2 - Connecting the hard drive to the bracket and cable assembly.

- Orient the hard drive so that its circuit board (hard drive bottom) will be on the bottom of the bracket assembly when mounted.
- Make certain that the hard drive and the bracket assembly will fit together in the correct orientation, attach the hard drive to the 44 pin connector.

Step 3 - Mounting the HD to the bracket assembly

- Insert the hard drive fully into the bracket assembly, and align the mounting holes on the hard drive and bracket.
- Using 4 flush mount screws (included), securely mount the HD to the bracket assembly.

Step 4 - Installing the hard drive into the notebook PC.

- Gently insert the hard drive assembly into the notebook PC, until it locks into place.

NOTE: if the bracket assembly does not lock easily into place, the 50 pin connector may have been incorrectly installed upside-down. Remove the hard disk and properly re-install the 50 pin connector.

Addendum

This Barebone Notebook computer system has been shipped without CPU or hard disk drive and can be readily configured to accept CPUs and hard disk drives of various speeds, capacities, and manufacturers. This addendum illustrates detailed instructions on how to use the supplied Barebone Accessory pack to configure your Notebook PC.

What You Have

In addition to items listed on page 7 of the Notebook PC User's Manual you will also find a Barebone Accessory pack containing:

- A CPU heatsink
- A 3.45V power module
- A hard disk drive mounting bracket
- A hard disk drive cable and mounting screws

What You Need

You will need:

- A 486 CPU
- A 2.5" IDE hard disk drive

Your Notebook PC supports the following 486 CPUs:

Intel				Cyril		
SX	DX	DX2	DX4*	DX	DX2	DX2V*
SX-25	DX-25	DX2-50	DX4-75*	DX-25	DX2-50	DX2V-50
SX-33	DX-33	DX2-66	DX4-100*	DX-33	DX2-66	DX2V-66

*Low voltage CPU - Require use of 3.45V power module (included).

Table A-1 Supported CPUs

Your Notebook computer supports all popular 2.5" IDE hard disk

drives. For high capacity hard disk drives (>540MB), be certain that high capacity IDE hard drive support is enabled by selecting the "Large IDE HD" entry in "**PREFERENCES**" within the Setup Configuration Utility (see Chapter 4, Running the Setup Configuration Utility in the User's Manual).

CPU Installation

Step 1 - Removing the keyboard.

- Open the notebook.
- At the top of the keyboard are two locking tabs. Slide these toward each other.
- Carefully lift the top edge of the keyboard and turn the keyboard over so it is face-down on top of the trackball. Take care not to twist or tug at the cables which connect the keyboard to the main board.
- The main board should now be visible.

Step 2 - Installing the CPU

- Locate the 168 pin CPU socket on the main board.
- Orient the CPU so that pin 1 on the chip (clipped corner) corresponds to pin 1 (as marked) on the socket.
- Carefully insert the CPU into the socket. Press evenly and firmly on the top of the processor until it is firmly seated in the socket.
- Peel the self adhesive backing from the included CPU heat sink and place the heat sink directly on top of the CPU. (Skip this step if the installed CPU already has a heat sink)

Step 3 - Dip-switch Configuration

- Using a small screwdriver, adjust dip-switches SW4 and SW5 (located near the lower right-hand corner of the CPU socket) as necessary according to Table A-2 for the installed processor.

Step 4 - Installing the 3.45V power module

(Low Voltage CPU only)

Note: This step is only necessary if a low voltage CPU (3.3V-3.6V) is installed in the notebook PC (see Table A-1). If the installed processor requires a 3.45V power module, continue with this step. Otherwise, skip to step 5.

CPU \ Switch position	Switch SW4								Switch SW5								
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
Intel	5x-25	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	OFF	OFF	OFF	ON
	5x-33	OFF	ON	ON	OFF	ON	OFF	OFF	ON	OFF	OFF	ON	ON	ON	OFF	OFF	ON
	DX-25 or DX2-50	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON
	DX-33 or DX2-66	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON
	DX4-75*	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON
	DX4-100*	OFF	ON	ON	OFF	ON	OFF	ON	OFF	ON	ON	ON	ON	ON	ON	OFF	OFF
Cyrrix	DX-25 or DX2-50	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON
	DX-33 or DX2-66	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON
	DX2V-50*	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	ON
	DX2V-66*	ON	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON	ON	ON	ON	OFF	OFF	ON

*Low voltage CPU - Require use of 3.45V power module (included).

Table A-2 SW4/SW5 settings

- Remove all jumpers from CN6 and CN7 (located near the upper left-hand and lower left-hand corners of the CPU socket) on the main board.
- Align the 3.45V module so that the coil is on top, CN2 on the module connects to CN6 on the main board, and CN1 on the module connects to CN7 on the main board.
- Gently insert the module into the main board.

Step 5 - Replacing the Keyboard

- Turn the keyboard face-up and insert the tabs at the bottom into the notebook.
- Gently lower the top of the keyboard into the keyboard well.
- Slide the keyboard locking tabs away from each other in order to secure the keyboard in place.

Hard Disk Drive Installation

Step 1 - Mounting the cable to the hard drive mounting bracket

- Examine the hard drive cable. Locate the 50 pin connector with mounting holes on both sides. Locate the numbers and arrow printed on the top of the 50 pin connector. This 50 pin connector is keyed and will not allow an incorrect connection into the opposite connector on the notebook PC.

NOTE: you will need to fold the excess cable behind the 50 pin connector so that the excess protrudes from behind the