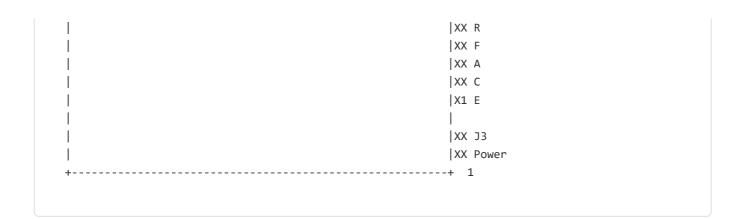
Hard Drive: SEAGATE: ST3243A 214MB 3.5"/SL IDE / AT



```
S T 3 2 4 3 A SEAGATE
NO MORE PRODUCED
                                      Native | Translation
                                       -----
              3.5"/SLIMLINE
                            Cylinders
                                         | 1024|
                              Heads
Capacity form/unform 214/ MB
                                         4 12 |
Seek time / track 16.0/ 5.0 ms
                             Sector/track | 34|
Controller IDE / AT
                             Precompensation
Cache/Buffer
              32 KB SEGMENTED Landing Zone
Data transfer rate 2.800 MB/S int
                             Bytes/Sector 512
                MB/S ext
Recording method RLL 1/7
                                    operating | non-operating
                                    -----
Supply voltage 5/12 V Temperature *C
                                      5 55 | -40 70
             W Humidity %
Power: sleep
             1.3 W Altitude km2.5 W Shock g
     standby
                                    10
     idle
                                                75
           4.6 W Rotation RPM
     seek
                                     3811
     read/write 4.1 W Acoustic dBA
     spin-up
                      ECC
                             Bit
                      MTBF h
                                     24
                      Warranty Month
Lift/Lock/Park YES
                     Certificates
```

Layout

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Jumpers

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Jumper Setting

==========

J5 Master/Slave Jumper Block

```
+8-6-4-2+
|o o o o| The drive is a master; there is no slave.
|o o o o|
+7-5-3-1+
```

```
+8-6-4-2+
|o o X o| Master in a two drive system
|o o X o|
+7-5-3-1+
```

```
+8-6-4-2+
|o o o X| The drive is a slave to a ATA compatible master.
|o o o X| NOTE: Do not configure the drive as a slave to a
+7-5-3-1+ non-ATA-compatible master.
```

Install

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Notes on Installation

Mounting the drive

Mount the drive securely in any orientation using either the bottom or side mounting holes.

NOTE

Make sure you mount the drive so that you do not strain the cables.

Bottom mounting holes

Insert four 6-32 UNC-2A screws not more than 0.20 inches (6 turns) into the drive frame.

Side mounting holes

Insert four 6-32 UNC-2A screws not more than 0.13 inches (4 turns) into the drive frame.

CAUTION

If you use a screw that is too long, you cold damage the drive.

Attaching cables

- 1. Turn off the system power
- 2. Put on a grounded wrist strap.

3. Attach the 40-pin AT interface cable. Attach one end of the cable to the drive interface connector and the other end to the interface connector on the host adapter or the host system mother-board. If you are installing two drives, use a daisy-chain cable.

Verify that pin 1 of the interface cable is matched to pin 1 of the interface connector on the drive and on the host computer. Pin 1 is usually deenoted by a stripe on the side of the ribbon cable.

4. Attach the power cable. Attach a system power cable to the drive power connector.

