**root@linux64-ix-slave41 /root % hdparm -I /dev/sda**

**/dev/sda:**

**ATA device, with non-removable media**

**Model Number: ST3250318AS**

**Serial Number: 6VMGSAD1**

**Firmware Revision: CC38**

**Transport: Serial**

**Standards:**

**Used: unknown (minor revision code 0x0029)**

**Supported: 8 7 6 5**

**Likely used: 8**

**Configuration:**

**Logical max current**

**cylinders 16383 16383**

**heads 16 16**

**sectors/track 63 63**

**--**

**CHS current addressable sectors: 16514064**

**LBA user addressable sectors: 268435455**

**LBA48 user addressable sectors: 488397168**

**Logical/Physical Sector size: 512 bytes**

**device size with M = 1024\*1024: 238475 MBytes**

**device size with M = 1000\*1000: 250059 MBytes (250 GB)**

**cache/buffer size = 8192 KBytes**

**Nominal Media Rotation Rate: 7200**

**Capabilities:**

**LBA, IORDY(can be disabled)**

**Queue depth: 32**

**Standby timer values: spec'd by Standard, no device specific minimum**

**R/W multiple sector transfer: Max = 16 Current = ?**

**Recommended acoustic management value: 254, current value: 0**

**DMA: mdma0 mdma1 mdma2 udma0 udma1 udma2 udma3 udma4 udma5 \*udma6**

**Cycle time: min=120ns recommended=120ns**

**PIO: pio0 pio1 pio2 pio3 pio4**

**Cycle time: no flow control=120ns IORDY flow control=120ns**

**Commands/features:**

**Enabled Supported:**

**\* SMART feature set**

**Security Mode feature set**

**\* Power Management feature set**

**\* Write cache**

**\* Look-ahead**

**\* Host Protected Area feature set**

**\* WRITE\_BUFFER command**

**\* READ\_BUFFER command**

**\* DOWNLOAD\_MICROCODE**

**SET\_MAX security extension**

**\* Automatic Acoustic Management feature set**

**\* 48-bit Address feature set**

**\* Device Configuration Overlay feature set**

**\* Mandatory FLUSH\_CACHE**

**\* FLUSH\_CACHE\_EXT**

**\* SMART error logging**

**\* SMART self-test**

**\* General Purpose Logging feature set**

**\* WRITE\_{DMA|MULTIPLE}\_FUA\_EXT**

**\* 64-bit World wide name**

**Write-Read-Verify feature set**

**\* WRITE\_UNCORRECTABLE\_EXT command**

**\* {READ,WRITE}\_DMA\_EXT\_GPL commands**

**\* Segmented DOWNLOAD\_MICROCODE**

**\* Gen1 signaling speed (1.5Gb/s)**

**\* Gen2 signaling speed (3.0Gb/s)**

**\* Native Command Queueing (NCQ)**

**\* Phy event counters**

**Device-initiated interface power management**

**\* Software settings preservation**

**\* SMART Command Transport (SCT) feature set**

**\* SCT Long Sector Access (AC1)**

**\* SCT LBA Segment Access (AC2)**

**\* SCT Error Recovery Control (AC3)**

**\* SCT Features Control (AC4)**

**\* SCT Data Tables (AC5)**

**unknown 206[12] (vendor specific)**

**Security:**

**Master password revision code = 65534**

**supported**

**not enabled**

**not locked**

**not frozen**

**not expired: security count**

**supported: enhanced erase**

**44min for SECURITY ERASE UNIT. 44min for ENHANCED SECURITY ERASE UNIT.**

**Logical Unit WWN Device Identifier: 5000c50027f5e723**

**NAA : 5**

**IEEE OUI : 000c50**

**Unique ID : 027f5e723**

**Checksum: correct**

**root@linux64-ix-slave41 /root % hdparm -tT /dev/sda**

**/dev/sda:**

**Timing cached reads: 14972 MB in 2.00 seconds = 7503.56 MB/sec**

**Timing buffered disk reads: 290 MB in 3.00 seconds = 96.56 MB/sec**

**root@linux64-ix-slave41 /root %**