**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 %**