root@linux64-ix-slave40 /root % hdparm -I /dev/sda

/dev/sda:

ATA device, with non-removable media

 Model Number: ST3250318AS

 Serial Number: 9VMKCQF2

 Firmware Revision: CC46

 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: 5000c50026db6f64

 NAA : 5

 IEEE OUI : 000c50

 Unique ID : 026db6f64

Checksum: correct

root@linux64-ix-slave40 /root % hdparm -tT /dev/sda

/dev/sda:

 Timing cached reads: 14958 MB in 2.00 seconds = 7496.81 MB/sec

 Timing buffered disk reads: 286 MB in 3.02 seconds = 94.81 MB/sec

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