root@linux64-ix-slave28 /root % hdparm -I /dev/sda

/dev/sda:

ATA device, with non-removable media

Model Number: ST3250318AS

Serial Number: 6VY745NS

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

40min for SECURITY ERASE UNIT. 40min for ENHANCED SECURITY ERASE UNIT.

Logical Unit WWN Device Identifier: 5000c50027fe6f7b

NAA : 5

IEEE OUI : 000c50

Unique ID : 027fe6f7b

Checksum: correct

root@linux64-ix-slave28 /root % hdparm -tT /dev/sda

/dev/sda:

Timing cached reads: 14990 MB in 2.00 seconds = 7512.30 MB/sec

Timing buffered disk reads: 366 MB in 3.01 seconds = 121.48 MB/sec

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