

# harddisk V100



Mapping/capacity:

CHS=(7783/255/63), 125033895 total sectors = 61052 MByte

block sizes:

physical: 1\*512 Byte, sustained transfer rate: 128 sectors (64.0 KByte)

Interface speed (at 0.0%):

read sequential: 89.4 MByte/s, delayed (0.77 ms): 97.0 MByte/s, "core test": 191.3 MByte/s  
write sequential: 189.3 MByte/s, delayed (0.36 ms): 194.0 MByte/s, repetitive: 201.1 MByte/s

Sustained read rate:

average 180280.2, min 41087.8, max 203171.7 [KByte/s]

Sustained write rate

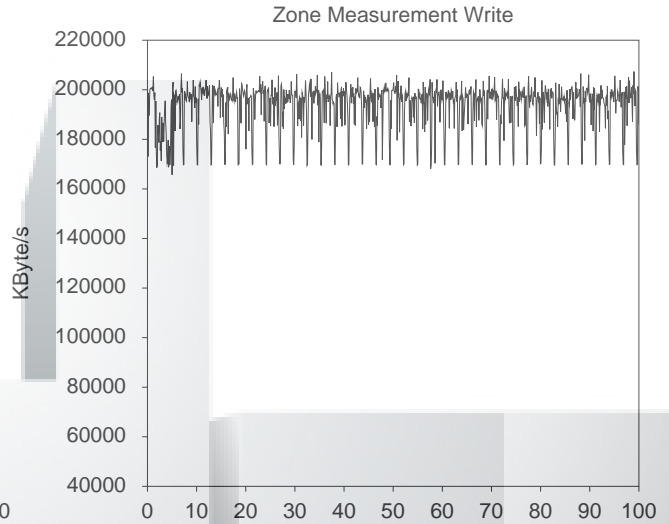
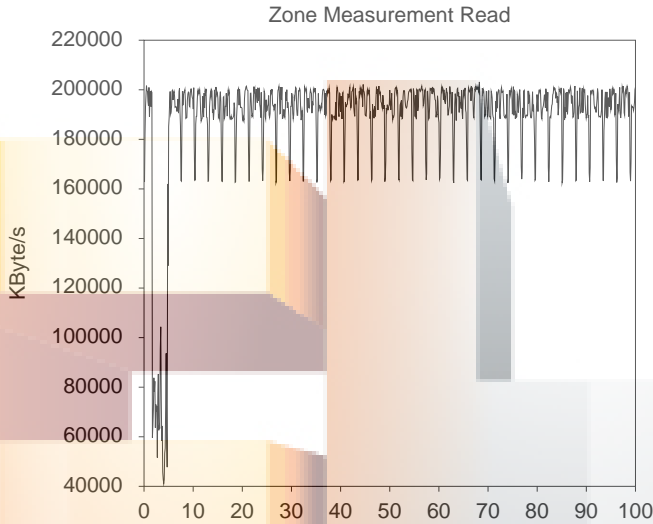
average 193042.4, min 165706.9, max 207390.4 [KByte/s]

Access time over whole disk:

average 0.24 (0.20r/0.28w, min 0.08r/0.05w, max 0.26r/29.98w) [ms]

Access time below 504 MByte:

average 0.24 (0.20r/0.28w, min 0.16r/0.05w, max 1.03r/33.72w) [ms]



## application profiles [KByte/s]

swapping: 39657.0

installing: 211531.0

Word: 182706.0

Photoshop: 124177.0

copying: 238293.0

F-Prot: 73216.8

application index: 122143.0

ATA disk: KINGSTON SVP100S264G

Serial #: X0HY10CEY19K

Firmware: CJRA0202

Version of specification: ATA-ATAPI-8

Supported UDMA modes: 0 1 2 3 4 5

UDMA mode 5 active.

capacity (28-bit addressing): 125045424 sectors (61057.3 MByte)

capacity (48-bit addressing): 125045424 sectors (61057.3 MByte)

acoustic management not supported.

IDENTIFY DEVICE information:

```

0 (0x00): 0040 3fff c837 0010 0000 0000 003f 0000 0000 0000
10 (0x0a): 2020 2020 2020 2020 5830 4859 3130 4345 5931 394b
20 (0x14): 0000 0000 0000 434a 5241 3032 3032 4b49 4e47 5354
30 (0x1e): 4f4e 2053 5650 3130 3053 3236 3447 2020 2020 2020
40 (0x28): 2020 2020 2020 2020 2020 2020 2020 8010 0000 2f00
50 (0x32): 4000 0000 0000 0007 3fff 0010 003f fc10 00fb 0110
60 (0x3c): 0ab0 0774 0000 0007 0003 0078 0078 0078 0078 0000
70 (0x46): 0000 0000 0000 0000 0000 0000 0606 0004 0048 0040
80 (0x50): 01f8 0000 746b 7d09 4063 7469 bc09 4063 203f 0001
90 (0x5a): 0001 0080 fffe 0000 0000 0000 0000 0000 0000 0000
100 (0x64): 0ab0 0774 0000 0000 0000 0000 4000 0000 0000 0000
110 (0x6e): 0000 0000 0000 0000 0000 0000 0000 0000 0000 401c
120 (0x78): 401c 0000 0000 0000 0000 0000 0000 0000 0029 0000
130 (0x82): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
140 (0x8c): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
150 (0x96): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
160 (0xa0): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0003 0001
170 (0xaa): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
180 (0xb4): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
190 (0xbe): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
200 (0xc8): 0000 0000 0000 0000 0000 0000 0000 0039 0000 0000 4000
210 (0xd2): 0000 0000 0000 0000 0000 0000 0000 0000 0001 0000 0000
220 (0xdc): 0000 0000 101f 0000 0000 0000 0000 0000 0000 0000 0000
230 (0xe6): 0000 0000 0000 0000 0001 00ff 0000 0000 0000 0000 0000
240 (0xf0): 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000
250 (0xfa): 0000 0000 0000 0000 0000 0000 35a5

```

timer resolution: 0.302 µs, 3.313 MHz, timer statistics: 2633406012 calls, min 0.00 µs, average 29441.31 µs, max 1521814.49 µs

command line: h2benchw 0 -a -! -t harddisk V100 -w V100

Test started: 03-18-11 20:33:28, test version: \$!d: h2bench.c,v 3.12 2006/11/24 15:45:09 bo Exp \$/Win32, file name 'V100'