

| Ultra DMA/33 | Western Digital | | | | Seagate | | | | Maxtor | | |
|---------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | WD1200JB | WD800JB | WD400EB | WD400BB | ST340810A | ST320410A | ST380021A | ST360021A | 6L040J2 | 4G120J6 | 6L080L4 |
| SiSoft Sandra 2002 | | | | | | | | | | | |
| Buffered read | 30 MB/s | 30 MB/s | 30 MB/s | 30 MB/s | 28 MB/s | 28 MB/s | 28 MB/s | 28 MB/s | 29 MB/s | 29 MB/s | 28 MB/s |
| Sequential read | 29 MB/s | 29 MB/s | 27 MB/s | 29 MB/s | 23 MB/s | 18 MB/s | 18 MB/s | 18 MB/s | 22 MB/s | 30 MB/s | 23 MB/s |
| Random read | 7 MB/s | 7 MB/s | 5 MB/s | 6 MB/s | 5 MB/s | 4 MB/s | 6 MB/s | 6 MB/s | 6 MB/s | 6 MB/s | 7 MB/s |
| Buffered write | 30 MB/s | 30 MB/s | 30 MB/s | 30 MB/s | 26 MB/s | 26 MB/s | 26 MB/s | 26 MB/s | 29 MB/s | 30 MB/s | 29 MB/s |
| Sequential write | 30 MB/s | 30 MB/s | 21 MB/s | 27 MB/s | 26 MB/s | 26 MB/s | 25 MB/s | 26 MB/s | 29 MB/s | 14 MB/s | 29 MB/s |
| Random write | 14 MB/s | 13 MB/s | 7 MB/s | 9 MB/s | 7 MB/s | 5 MB/s | 7 MB/s | 8 MB/s | 6 MB/s | 3.6 MB/s | 10 MB/s |
| Average access time | 6 ms | 7 ms | 9 ms | 7 ms | 9 ms | 11 ms | 6 ms | 6 ms | 7 MB/s | 9 ms | 6 ms |
| HD Tach 2.61 | | | | | | | | | | | |
| Read speed maximum | 29887.0 KB/s | 29796.0 KB/s | 29539.0 KB/s | 29528.0 KB/s | 26333.0 KB/s | 26419.0 KB/s | 26331.0 KB/s | 26262.0 KB/s | 30703.0 KB/s | 30187.0 KB/s | 30655.0 KB/s |
| Read speed minimum | 20829.0 KB/s | 20748.0 KB/s | 14597.0 KB/s | 22158.0 KB/s | 15878.0 KB/s | 9903.0 KB/s | 13513.0 KB/s | 13497.0 KB/s | 19540.0 KB/s | 15280.0 KB/s | 20612.0 KB/s |
| Read speed average | 29141.7 KB/s | 29058.2 KB/s | 27381.9 KB/s | 27081.9 KB/s | 23365.8 KB/s | 21885.5 KB/s | 12275.0 KB/s | 19583.9 KB/s | 25774.2 KB/s | 27430.7 KB/s | 25881.5 KB/s |
| Write speed maximum | 28850.0 KB/s | 28871.0 KB/s | 22173.0 KB/s | 27890.0 KB/s | 13001.0 KB/s | 13524.0 KB/s | 18929.0 KB/s | 19290.0 KB/s | 23534.0 KB/s | 13130.0 KB/s | 24749.0 KB/s |
| Write speed minimum | 14931.0 KB/s | 9220.0 KB/s | 11350.0 KB/s | 16705.0 KB/s | 8713.0 KB/s | 6083.0 KB/s | 11039.0 KB/s | 11433.0 KB/s | 15224.0 KB/s | 5860.0 KB/s | 14657.0 KB/s |
| Write speed average | 20134.1 KB/s | 19611.5 KB/s | 18337.7 KB/s | 20349.0 KB/s | 11599.3 KB/s | 11393.7 KB/s | 16874.3 KB/s | 16741.4 KB/s | 20090.3 KB/s | 7939.4 KB/s | 20055.6 KB/s |
| Random access time | 13.5 ms | 12.9 ms | 17.3 ms | 13.2 ms | 18.8 ms | 21.8 ms | 15.1 ms | 14.6 ms | 12.7 ms | 21.1 ms | 12.6 ms |
| Read burst speed | 30.7 MB/s | 30.6 MB/s | 30.6 MB/s | 30.6 MB/s | 28.3 MB/s | 28.3 MB/s | 27.6 MB/s | 28.0 MB/s | 30.5 MB/s | 30.4 MB/s | 30.5 MB/s |
| CPU utilization | 1.9 % | 1.8 % | 2.1 % | 1.7 % | 1.0 % | 0.9 % | 1.0 % | 0.9 % | 1.6 % | 0.9 % | 1.6 % |

| Ultra DMA/100 | Western Digital | | | | Seagate | | | | Maxtor | | |
|---------------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | WD1200JB | WD800JB | WD400EB | WD400BB | ST340810A | ST320410A | ST380021A | ST360021A | 6L040J2 | 4G120J6 | 6L080L4 |
| SiSoft Sandra 2002 | | | | | | | | | | | |
| Buffered read | 84 MB/s | 83 MB/s | 83 MB/s | 83 MB/s | 67 MB/s | 67 MB/s | 67 MB/s | 67 MB/s | 73 MB/s | 73 MB/s | 72 MB/s |
| Sequential read | 47 MB/s | 47 MB/s | 37 MB/s | 46 MB/s | 27 MB/s | 25 MB/s | 40 MB/s | 40 MB/s | 40 MB/s | 35 MB/s | 40 MB/s |
| Random read | 8 MB/s | 8 MB/s | 5 MB/s | 7 MB/s | 5 MB/s | 5 MB/s | 7 MB/s | 7 MB/s | 7 MB/s | 6 MB/s | 7 MB/s |
| Buffered write | 70 MB/s | 70 MB/s | 70 MB/s | 69 MB/s | 53 MB/s | 54 MB/s | 55 MB/s | 57 MB/s | 64 MB/s | 67 MB/s | 64 MB/s |
| Sequential write | 43 MB/s | 43 MB/s | 37 MB/s | 45 MB/s | 27 MB/s | 29 MB/s | 39 MB/s | 39 MB/s | 39 MB/s | 15 MB/s | 39 MB/s |
| Random write | 15 MB/s | 14 MB/s | 8 MB/s | 10 MB/s | 7 MB/s | 5 MB/s | 9 MB/s | 9 MB/s | 6 MB/s | 3.6 MB/s | 10 MB/s |
| Average access time | 6 ms | 7 ms | 10 ms | 7 ms | 10 ms | 11 ms | 7 ms | 8 ms | 7 ms | 9 ms | 7 ms |
| HD Tach 2.61 | | | | | | | | | | | |
| Read speed maximum | 49346.0 KB/s | 49101.0 KB/s | 38639.0 KB/s | 48977.0 KB/s | 29229.0 KB/s | 31066.0 KB/s | 43200.0 KB/s | 43201.0 KB/s | 43547.0 KB/s | 37347.0 KB/s | 43642.0 KB/s |
| Read speed minimum | 18740.0 KB/s | 22514.0 KB/s | 20185.0 KB/s | 18478.0 KB/s | 18507.0 KB/s | 5248.0 KB/s | 21460.0 KB/s | 21441.0 KB/s | 22050.0 KB/s | 17892.0 KB/s | 21554.0 KB/s |
| Read speed average | 40519.4 KB/s | 40416.1 KB/s | 32551.2 KB/s | 40340.9 KB/s | 25182.6 KB/s | 24357.3 KB/s | 36000.0 KB/s | 36695.9 KB/s | 35058.4 KB/s | 29318.6 KB/s | 34971.9 KB/s |
| Write speed maximum | 38600.0 KB/s | 37949.0 KB/s | 28305.0 KB/s | 30583.0 KB/s | 15604.0 KB/s | 15747.0 KB/s | 21546.0 KB/s | 22760.0 KB/s | 27920.0 KB/s | 24990.0 KB/s | 29689.0 KB/s |
| Write speed minimum | 16297.0 KB/s | 14546.0 KB/s | 8335.0 KB/s | 16957.0 KB/s | 10647.0 KB/s | 9320.0 KB/s | 14230.0 KB/s | 12136.0 KB/s | 15029.0 KB/s | 5507.0 KB/s | 14484.0 KB/s |
| Write speed average | 24342.6 KB/s | 23879.3 KB/s | 19494.6 KB/s | 24518.4 KB/s | 13387.0 KB/s | 12980.4 KB/s | 19395.0 KB/s | 19259.2 KB/s | 20112.7 KB/s | 10560.8 KB/s | 21578.6 KB/s |
| Random access time | 13.4 ms | 13.2 ms | 17.3 ms | 13.0 ms | 19.7 ms | 21.6 ms | 15.2 ms | 14.6 ms | 12.4 ms | 21.2 ms | 12.7 ms |
| Read burst speed | >80 MB/s | >80 MB/s | >80 MB/s | >80 MB/s | 69.7 MB/s | 69.6 MB/s | 68.8 MB/s | 68.8 MB/s | >80 MB/s | >80 MB/s | >80 MB/s |
| CPU utilization | 2.8 % | 2.7 % | 2.2 % | 2.8 % | 1.3 % | 1.1 % | 2.3 % | 2.2 % | 2.2 % | 1.2 % | 2.3 % |

| Výrobce | Model | Udávaná kapacita [GB] | Formátovaná kapacita [GB] |
|-----------------|-----------|-----------------------|---------------------------|
| Western Digital | WD1200JB | 120 GB | 111.79 GB |
| | WD800JB | 80 GB | 74.53 GB |
| | WD400EB | 40 GB | 37.27 GB |
| | WD400BB | 40 GB | 37.27 GB |
| Seagate | ST340810A | 40 GB | 37.27 GB |
| | ST320410A | 20 GB | 18.64 GB |
| | ST380021A | 80 GB | 74.53 GB |
| | ST360021A | 60 GB | 55.90 GB |
| Maxtor | 6L040J2 | 40 GB | 37.27 GB |
| | 4G120J6 | 120 GB | 114.49 GB |
| | 6L080L4 | 80 GB | 74.55 GB |

| Western Digital WD1200JB | |
|---------------------------------|---------------|
| Kapacita | 120 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 8 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 6 |
| Sectors Per Track | 63 |
| Number of Platters | 3 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | 234,441,648 |
| Maximální operační zrychlení | 65 G |
| Maximální neoperační zrychlení | 200 G |

| Western Digital WD800JB | |
|--------------------------------|---------------|
| Kapacita | 80 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 8 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 4 |
| Sectors Per Track | 63 |
| Number of Platters | 2 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | 156,301,488 |
| Maximální operační zrychlení | 65 G |
| Maximální neoperační zrychlení | 200 G |

| Western Digital WD400EB | |
|--------------------------------|---------------|
| Kapacita | 40 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 5400 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 2 |
| Sectors Per Track | 63 |
| Number of Platters | 1 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | 78,165,360 |
| Maximální operační zrychlení | 65 G |
| Maximální neoperační zrychlení | 200 G |

| Western Digital WD400BB | |
|--------------------------------|---------------|
| Kapacita | 40 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 4 |
| Sectors Per Track | 63 |
| Number of Platters | 2 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | 78,165,360 |
| Maximální operační zrychlení | 65 G |
| Maximální neoperační zrychlení | 200 G |

| Seagate ST340810A | |
|--------------------------------|---------------|
| Kapacita | 40 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 5400 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 2 |
| Sectors Per Track | 63 |
| Number of Platters | 1 |
| Bytes Per Sector | N/A |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 63 G |
| Maximální neoperační zrychlení | 350 G |

| Seagate ST320410A | |
|--------------------------------|---------------|
| Kapacita | 20 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 5400 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 1 |
| Sectors Per Track | 63 |
| Number of Platters | 1 |
| Bytes Per Sector | N/A |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 63 G |
| Maximální neoperační zrychlení | 350 G |

| Seagate ST380021A | |
|--------------------------------|---------------|
| Kapacita | 80 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 4 |
| Sectors Per Track | 63 |
| Number of Platters | 2 |
| Bytes Per Sector | N/A |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 63 G |
| Maximální neoperační zrychlení | 350 G |

| Seagate ST360021A | |
|--------------------------------|---------------|
| Kapacita | 60 GB |
| Rozhraní | Ultra ATA/100 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 3 |
| Sectors Per Track | 63 |
| Number of Platters | 2 |
| Bytes Per Sector | N/A |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 63 G |
| Maximální neoperační zrychlení | 350 G |

| Maxtor 6L040J2 | |
|--------------------------------|---------------|
| Kapacita | 40 GB |
| Rozhraní | Ultra ATA/133 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 2 |
| Sectors Per Track | 63 |
| Number of Platters | 1 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 30 G |
| Maximální neoperační zrychlení | 300 G |

| Maxtor 4G120J6 | |
|--------------------------------|---------------|
| Kapacita | 120 GB |
| Rozhraní | Ultra ATA/133 |
| Rychlost otáčení ploten | 5400 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 6 |
| Sectors Per Track | 63 |
| Number of Platters | 3 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 30 G |
| Maximální neoperační zrychlení | 300 G |

| Maxtor 6L080L4 | |
|--------------------------------|---------------|
| Kapacita | 80 GB |
| Rozhraní | Ultra ATA/133 |
| Rychlost otáčení ploten | 7200 ot./min |
| Velikost bufferu | 2 MB |
| Cylinders | 16,383 |
| Number of Heads (Logical) | 16 |
| Number of Heads (Physical) | 4 |
| Sectors Per Track | 63 |
| Number of Platters | 2 |
| Bytes Per Sector | 512 B |
| User Sectors Per Drive | N/A |
| Maximální operační zrychlení | 30 G |
| Maximální neoperační zrychlení | 300 G |