

How Long Does Hard Drive Erasure Take?

Use the table below to for our estimated guide times for erasing various types of hard drive. Hard drive sustained write speed is determined by a number of factors including age, condition, rotational speed and interface type. These are estimates that have been gathered from historical wipe speeds witnessed in the Tabernus labs.

IDE

| Speed (MB/Second) | GB | Total MB | Total min (1 pass) | Hours (1 pass) | 3 pass | 7 pass |
|-------------------|-----|----------|--------------------|----------------|--------|--------|
| 40 | 80 | 81920 | 34 | 0.57 | 1.7 | 4.0 |
| 40 | 120 | 122880 | 51 | 0.85 | 2.6 | 6.0 |
| 40 | 250 | 256000 | 107 | 1.78 | 5.3 | 12.4 |
| 40 | 500 | 512000 | 213 | 3.56 | 10.7 | 24.9 |

SATA

| Speed (MB/Second) | GB | Total MB | Total min (1 pass) | Hours (1 pass) | 3 pass | 7 pass |
|-------------------|------|----------|--------------------|----------------|--------|--------|
| 50 | 80 | 81920 | 27 | 0.46 | 1.4 | 3.2 |
| 50 | 120 | 122880 | 41 | 0.68 | 2.0 | 4.8 |
| 50 | 250 | 256000 | 85 | 1.42 | 4.3 | 10.0 |
| 50 | 500 | 512000 | 171 | 2.84 | 8.5 | 19.9 |
| 50 | 1024 | 1048576 | 350 | 5.83 | 17.5 | 40.8 |
| 50 | 2048 | 2097152 | 699 | 11.65 | 35.0 | 81.6 |

SCSI

| Speed (MB/Second) | GB | Total MB | Total min (1 pass) | Hours (1 pass) | 3 pass | 7 pass |
|-------------------|------|----------|--------------------|----------------|--------|--------|
| 70 | 80 | 81920 | 20 | 0.33 | 1.0 | 2.3 |
| 70 | 120 | 122880 | 29 | 0.49 | 1.5 | 3.4 |
| 70 | 250 | 256000 | 61 | 1.02 | 3.0 | 7.1 |
| 70 | 500 | 512000 | 122 | 2.03 | 6.1 | 14.2 |
| 70 | 1024 | 1048576 | 250 | 4.16 | 12.5 | 29.1 |

Fibre

| Speed (MB/Second) | GB | Total MB | Total min (1 pass) | Hours (1 pass) | 3 pass | 7 pass |
|-------------------|------|----------|--------------------|----------------|--------|--------|
| 75 | 80 | 81920 | 18 | 0.30 | 0.9 | 2.1 |
| 75 | 120 | 122880 | 27 | 0.46 | 1.4 | 3.2 |
| 75 | 250 | 256000 | 57 | 0.95 | 2.8 | 6.6 |
| 75 | 500 | 512000 | 114 | 1.90 | 5.7 | 13.3 |
| 75 | 1024 | 1048576 | 233 | 3.88 | 11.7 | 27.2 |
| 75 | 2048 | 2097152 | 466 | 7.77 | 23.3 | 54.4 |

SAS

| Speed (MB/Second) | GB | Total MB | Total min (1 pass) | Hours (1 pass) | 3 pass | 7 pass |
|-------------------|------|----------|--------------------|----------------|--------|--------|
| 85 | 80 | 81920 | 16 | 0.27 | 0.8 | 1.9 |
| 85 | 120 | 122880 | 24 | 0.40 | 1.2 | 2.8 |
| 85 | 250 | 256000 | 50 | 0.84 | 2.5 | 5.9 |
| 85 | 500 | 512000 | 100 | 1.67 | 5.0 | 11.7 |
| 85 | 1024 | 1048576 | 206 | 3.43 | 10.3 | 24.0 |
| 85 | 2048 | 2097152 | 411 | 6.85 | 20.6 | 48.0 |