

Enter the Solid Era

Where performance and reliability reign supreme.

Now there's a quiet, reliable and rugged alternative to the hard drive—Intel® Solid-State Drives. Available in a variety of capacities and sizes, Intel Solid-State Drives boost system performance and responsiveness while providing a worry-free storage solution. Welcome to the Solid Era.

Which Intel® Solid-State Drive are you?

40 GB

Intel® X25-V SATA Solid-State Drive

80 GB or 160 GB

Intel® X25-M SATA
Solid-State Drive

Intel® X18-M SATA
Solid-State Drive



Perfect for:

- Anyone who wants to protect their music, movies, pictures, and documents
- Gamers who want to score more and get in the game faster¹
- Media creators and enthusiasts with demanding system needs
- Notebook nomads who need rugged storage and long battery life
- Tech enthusiasts looking for quieter electronic devices

Tech specs

(Based on 34nm technology)

Intel® X25-V Solid-State Drive

- Random 4KB Reads: Up to 25 K IOPS
- Random 4KB Writes: Up to 2.5 K IOPS
- Sustained Read/Write: 170/35 MB/s
- Life Expectancy: 1.2 million hour MTBF
- Write Latency: 110 microseconds

Intel® X25-M and X18-M Solid-State Drives

- Random 4KB Reads: 35,000 IOPS
- Random 4KB Writes: 80 GB 6,600 IOPS*
- Random 4KB Writes: 160 GB 8,600 IOPS
- Sustained Read/Write: 250/100 MB/s
- Life Expectancy: 1.2 million hour MTBF
- Write Latency: 85 microseconds



¹ Performance tests and ratings measured using a Gateway® P-172X FX High Performance Notebook with 80 GB 2.5" Intel® X25-M SATA Solid-State Disk and an identical notebook with two 160 GB Seagate® ST9160823AS SATA Hard Disk Drives in RAID 0 running an automated script that launches and loads 3 popular games in succession. Tests reflect approximate performance of Intel products as measured by those tests. Any difference in system hardware, software, or configuration may affect actual performance. Buyers should consult other sources of information to evaluate performance of systems or components they are considering purchasing. For more information on performance tests see <http://www.youtube.com/user/channelintel#p/search/1/qqm50Bbbzuc>

* Measurement performed on 8GB span

