

SSD

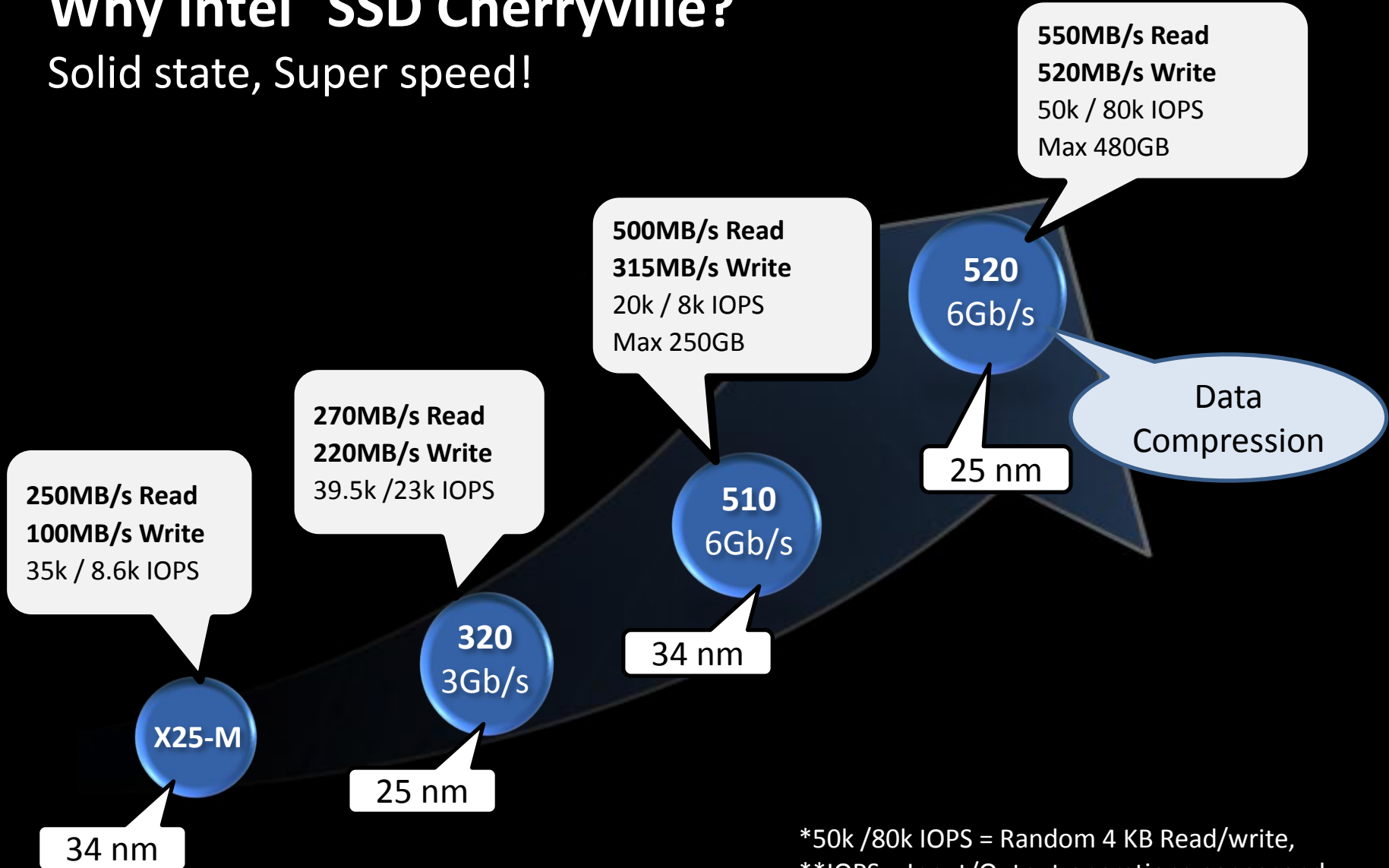


520 series Cherryville



Why Intel® SSD Cherryville?

Solid state, Super speed!



*50k /80k IOPS = Random 4 KB Read/write,
**IOPS = Input/Output operations per second

Intel® High Performance SSDs



Feature	320 Series	510 Series	520 Series
Capacity	40/80/120/160/ 300/600	120/ 250	60/120/180/240/480
technology	25nm	34nm	25nm
Interface	SATA 3Gbps	SATA 6Gbps	SATA 6Gbps
Sequential read/write (MB/s)	Up to 260 / 210	Up to 500/315	Up to 550 / 520**
Power	3.0 W/ 0.06 W	TBD	4.0 W/0.095 W
Random read/write 4KB (IOPS)	До 39.5K / 23K	До 20K / 8K	До 50K / 80K
Power (W) (active / standby)	4.0 / 0.095	4.5 / 0.125	4.5 / TBD
Form Factors	2.5"	2.5"	2.5"
Security	AES-128 encryption	NA	AES-256 encryption

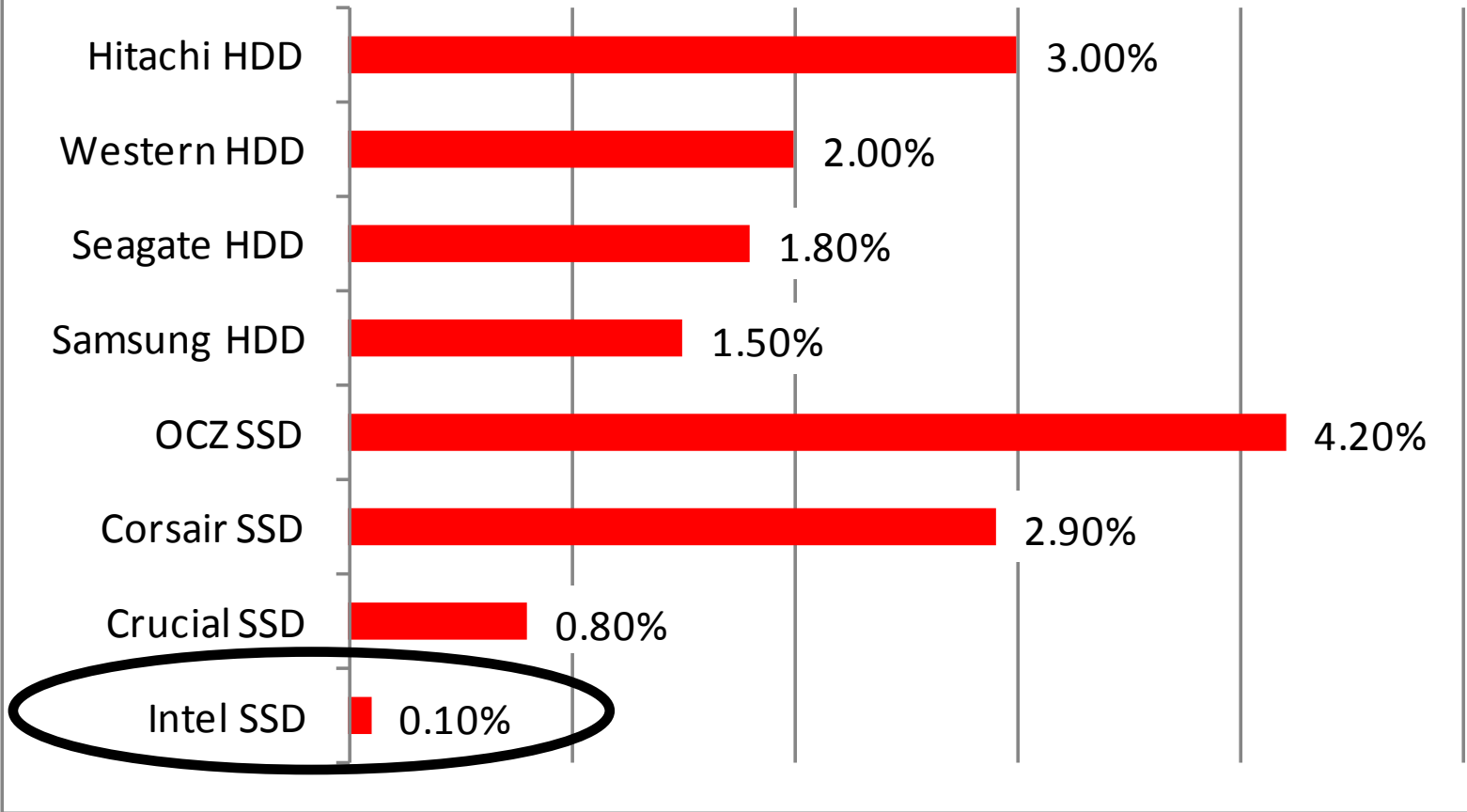
1. Transfer rate for 300GBGB other capacities may vary
2. IOPs for 160GB other capacities may vary
3. Measurements are performed on 100-percent span of the drive
4. Measurements are performed on 8GB span of the drive



Failure Rates

[returns] / [total units bought]

Behardware.com Failure Rates 11/16/11



<http://www.behardware.com/articles/843-7/components-returns-rates-5.html>

