Kingston SSD*Now* M Series drive

Intel® X25-M SATA Solid-State Drive

PRODUCT DISCONTINUED – FOR INFORMATION ONLY
Makes power users more productive.

Kingston's new line of SSD*Now* solid-state drives (SSD) rounds out its suite of enterprise products. The SSD*Now* M Series uses Intel® solid-state drives, which are the best-performing drives on the market. By improving a computer's performance and durability, SSD*Now* M Series drives help increase the productivity of power users.

SSD*Now* M Series drives increase performance with the impressive input and output operations per second (IOPS), a result of the drive's NAND Flash components and the powerful Native Command Queuing. With higher IOPS than a standard mechanical hard disk drive (HDD), SSD*Now* M Series allows for faster boot times and faster application loads than HDDs, ultimately making a power user more productive.

SSD uses a standard hard drive interface but unlike an HDD, SSD is very rugged and can handle more shock because it's built with no moving parts. Kingston's SSD*Now* M Series can withstand greater shock than an HDD, making it an ideal solution for executives and road warriors who push the limits of their notebooks.

Kingston's SSD*Now* M Series drives are equipped with S.M.A.R.T (Self-Monitoring, Analysis and Reporting Technology) to tell the user when a drive is about to fail.

For added peace of mind, the drives are backed by 24/7 tech support, a three-year warranty and legendary Kingston® reliability.

Features:

- **Fast** — 250MB/sec. read, 70MB/sec. write, 2.5" form factor
- **Durable** — no moving mechanical parts, enabling the SSD to handle rougher conditions

- **Guaranteed** — backed by a three-year Kingston warranty and 24/7 tech support
- **Reliable** — low write amplification and unique wear-leveling design mean the drives will last longer
- **Advanced architecture** — 10 parallel channel architecture

Specifications:

- **Form factor** — 2.5"
- **Interface** — SATA 1.5Gb/sec. and 3.0Gb/sec.
- **Sequential Speed**†
  80GB, 160GB — Up to 250MB/sec. read
  70 MB/sec. write
- **Cache** — 64MB onboard cache
- **Capacity*** — 80GB, 160GB
- **Storage temperatures** — -55° C to 95° C
- **Operating temperatures** — 0° C to 70° C
- **Dimensions** — 69.85mm x 100mm x 9.5mm
- **Weight** — 86 grams (+/- 2 grams)
- **Vibration operating** — 2.17 G (7–800Hz)
- **Vibration non-operating** — 3.13 G (5–500Hz)
- **Power specs** — Active: 0.15 W TYP
  Sleep: 0.075 W TYP
- **Life expectancy** — 1.2 million hours mean time before failure
- **Operating shock** — 1,500 G/0.5 msec operating and non-operating

Kingston SSD*Now* M Series Part Numbers:

SNM225-S2/80GB, SNM225-S2/160GB, SNM225-S2B/80GB**, SNM225-S2B/160GB**