Kingston's SSDNow M Series uses Intel solid state drives and delivers improved speed and performance to increase the productivity of power users. SSDNow M Series drives increase performance with 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), SSDNow 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 disk drive interface but unlike an HDD, SSD is very rugged and can handle more shock because it's built with no moving parts. With its low write amplification and unique wear-leveling design for longer drive life, Kingston's SSDNow 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 SSDNow 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.