

By: ~~By: 2008~~ Botezatu, Hardware Editor

Mtron Unveils World's Fastest SATA-II Solid-State Drive

It is designed for industrial environments and packs 128 GB of storage

Korean solid-state drive manufacturer Mtron has just announced a new solid-state device in its PRO 7500 series of professional drives. The new offering is primarily targeted at industrial environments, where solid-state drives play a key role, given the fact that their lack of moving parts makes them resistant to shocks and vibrations. According to the company, the new PRO 7500 series of drives come with a SATA-II interface, able to deliver peak data transfer rates of 3 Gb/s. However, they are physically able to deliver read and speed rates of 130 MB/s and 120 MB/s, respectively. The huge data throughput values propel the drive straight to the top and Mtron claims that their latest addition is the world's fastest SSD to have ever hit the shelves. Mtron's newest solid-state drive will bring a performance boost on the enterprise sector also. The PRO 7500 drive is extremely suitable for data centers, thanks to its fast response time. The company claims that it offers improvements of between 10 and 20 percent over the previous Mtron solid-state drives with SATA-I interfaces. The drive also features a Random Read IOPS (Data input/output speed) of 19,000, which is more than 65 times the performance delivered by the current industrial purpose SAS hard-disk drives. The PRO 7700 is optimized to work with heavy volume transactions and bandwidth-intensive database queries, while taking up to 60 percent less electricity than an average hard-disk drive. In fact, the new Mtron offering fully complies with the green IT requirements, as it makes no noise during operation and it runs completely cool even in environments that do not benefit from air conditioning. The company announced that the new drive will be available in capacities ranging from 32 to 128 GB in both 2.5 and 3.5-inch form factors. The drive will be premiered at the "DS Expo/10th Data Storage Expo in Tokyo", but it won't be available on retail until late June this year. There is no word on pricing as of the moment of writing.