

## New series of IRDM M.2 SSD in GOODRAM offer

It's been three years since the launching of first memory products of IRDM series by GOODRAM. For this time OC memory modules and IRDM solid state drives have become examples of high quality, expected by their most demanding users. Until recently, the 2.5-inch SSD format was the most chosen consumer solution. However, observing the sale results, it is easy to notice that the PCI Express form factor will quickly knock off the SATA solutions from the pedestal. GOODRAM decided to extend its offer with a novelty - IRDM M.2, using the PCIe 3x4 interface with dram buffer.

The newly launched solid state drive offers several times faster performance in relation to SATA III. This also means 6x better loading speed and faster writing process during playing your favourite games. Solid state drives with PCI Express are also more energy efficient, which should be appreciated by many enthusiasts spending many hours on gameplays. The presence of the dram buffer allows the disk to work steadily under heavy load during the game; it means we do not deal with the performance issues which is the case of dram-less drives.

In addition to the fact that the drive will work perfectly well in standard PCs, it is worth mentioning that in laptops the M.2 connector is almost always embedded next to the SATA socket. In such situation, we can install two drives: a fast M.2 SSD for the system and most important applications plus SATA III as a backup drive. Another option is choosing a larger capacity of IRDM M.2 for example 2 TB, and not spending extra money on an additional drive, but having access to all applications from the one drive.

By offering 3200 MB/s read speed with a PCIe 3x4 interface, it gives decent potential relevant to its 3.0 generation. The IRDM M.2 specification allows the SSD to be used as an alternate to 4.0 interface products, of which performance is to meet highest demands but they are still very expensive to many users.

- a proven technology of TLC 3D NAND Flash
- PCIe 3x4 interface
- 8-channel Phison E12 controller with DRAM buffer
- 5 years of warranty + technical support
- available capacities: 256GB, 512GB, 1TB, 2TB

Reference price of IRDM M.2			
capacity	price		
	PLN	USD	EUR
256 GB	140,18	35,05	29,95
512 GB	230,90	57,73	49,34
1024 GB	429,93	107,48	91,86
2048 GB	849,37	212,34	181,49