

## New IRDM PRO GEN 5 SSD – Graphene Revolution

Polish desktop memory and storage brand IRDM introduces the revolutionary IRDM PRO GEN 5 SSD. This device, based on the latest PCIe 5.0 interface, meets the rapidly growing demands of gamers and professionals who expect maximum performance in the most demanding tasks. The SSD combines cutting-edge technologies, including the innovative Graphreeze™ cooling system based on graphene. This ensures both exceptional performance and stability under extreme operating conditions.

### Incredible PCIe 5.0 speed and performance

The IRDM PRO GEN 5 represents a true revolution in data transfer speeds. With a read speed of up to 12,000 MB/s, the drive almost doubles the numbers of PCIe 4.0 standard, making it the ideal solution for demanding users. These parameters ensure that gamers can enjoy lightning-fast game load times and smooth transitions between sequences. Meanwhile, video editors working with high-resolution content (4K and 8K) or those who have to handle with large databases will appreciate reduction in time needed for large file operations.

Moreover, thanks to Microsoft's DirectStorage technology, the drive transfers data directly to the graphics card. This significantly reduces the CPU load, speeding up game load times noticeably and improving overall desktop performance. DirectStorage is becoming a key solution in an era of increasingly advanced gaming technologies and applications.

### Advanced Graphreeze™ cooling technology

Modern devices require effective cooling to maintain stability during intensive use. The IRDM PRO GEN 5 uses innovative Graphreeze™ cooling technology, which uses a double graphene layer. Thanks to its honeycomb-like structure, this material can dissipate heat 20 times more efficient than aluminium. This ensures stable workflow even during the most demanding tasks such as gaming, video editing or working with large data sets. The IRDM PRO GEN 5 is fully compatible with external cooling systems, enabling increased performance in extreme conditions where maximum stability and speed are required.

### Reliability and data security

The new SSD from the Polish manufacturer not only offers exceptional performance, but also reliability, which is crucial for professionals. The SSD is equipped with advanced technologies such as ECC (Error Correction Code), Wear Leveling and Bad Block Management, which ensure longevity of the device and security of the stored data. With the highest TBW (Total Bytes Written) rating on the market at 3,000 TB, the drive is built to withstand years of intensive use. This is particularly important for those who work with large amount of data on a daily basis.

"As games and applications continue to evolve, support for the latest technologies such as PCIe 5.0 is essential. The IRDM PRO GEN 5 is an investment in the future – a drive that not only meets today's expectations, but also ensures high performance and compatibility for years to come. It's a solution that gives our users an edge in the rapidly changing world of technology," emphasizes Wiesław Wilk, President of Wilk Elektronik.

### Tailored for different needs

The SSD is available in three capacities: 1 TB, 2 TB and 4 TB, allowing users to make a choice accordingly to their individual needs. Gamers needing space for the latest titles can opt for the smaller model,

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Share capital: 500 000 PLN paid up in full

while professionals working with massive files and projects will appreciate the larger capacities that enable seamless storage and fast handling of large data sets.

### **Guaranteed durability**

The IRDM PRO GEN 5 comes with a 5 year warranty, giving users the peace of mind that they are investing in a product that is built to last. This sets the drive apart from the competition and provides unmatched durability. Whether used for everyday tasks or long gaming sessions, users can rely on its consistent performance for years to come.

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