MIDISEM Unveils Ultra-High Capacity 8TB Gen 4 SSD with Speeds up to 7400 MB/s

Setting a New Benchmark in Storage Performance for Data-Intensive Workloads

10th July 2025 – MIDISEM, a premium brand of one of the world's leading semiconductor manufacturers with over 25 years of industry expertise, proudly announces the launch of its latest innovation — the 8TB PCIe Gen 4 Solid State Drive (SSD). This powerhouse SSD delivers read speeds up to 7400 MB/s, making it the ultimate solution for professionals and enterprises requiring massive capacity and ultra-fast performance.

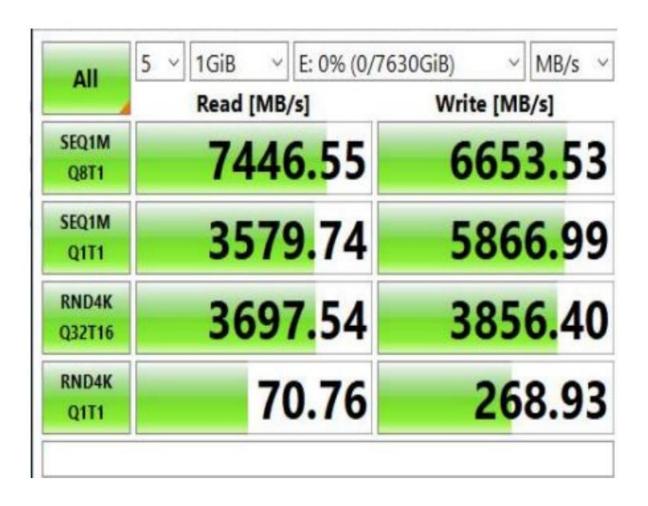
Built for next-generation applications in **AI**, gaming, content creation, and data centers, the MIDISEM 8TB Gen 4 SSD combines extreme storage capacity with blazing-fast throughput, redefining what's possible in NVMe storage technology.

"With the launch of our 8TB Gen 4 SSD, MIDISEM is pushing boundaries once again," said a senior company spokesperson. "It's designed for those who need uncompromised speed, stability, and high-capacity storage in one solution."

Product Highlights:

- Massive 8TB Capacity Ideal for storing large datasets, high-resolution video, games, and enterprise applications
- Next-Gen PCIe Gen 4 Interface Enabling sequential read speeds up to 7400 MB/s
- Advanced Thermal Control Heat-dissipating design for sustained performance
- 5-Year Warranty Backed by one of the most trusted semiconductor manufacturers in the world
- Use Cases:
 - AI & ML Training
 - Data Centers & Servers
 - Video Editing & Content Creation
 - High-End Gaming Systems
 - o Enterprise Backup and Archiving

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Health Status		otatus	Firmware 1.W.O.AV			Total Host Reads	
-	Goo	bd	Serial Number	0000000014	Total Host Writes		62776 GB
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		-	Transfer Mode				
Temperature 44 °C		ature	Drive Letter				
		0.5	Standard	NVM Express 1.4			
-	14	-	Features	S.M.A.R.T., TRIM, VolatileWriteCache			
	ID	Attribute Name					Raw Values ^
0	01	Critical Warning				000000	000000000
ĕ	02	Composite Temp					000000141
0	03	Available Spare	relatore				000000064
0	04	Available Spare	Threshold			000000	A00000000
0	05	Percentage Used				000000	000000002
0	06 Data Units Read					000000	00489C6C0
0	07	Data Units Writt	en			000000	07D8D89E
0	08	Host Read Comr	mands			000000	006B1AEFD
0	09	Host Write Com	mands			000000	0005AA51
0	0A	Controller Busy	Time			000000	000000000
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-	OC	Power On Hour				000000	9000000008



Availability

The **MIDISEM 8TB Gen 4 SSD** is available through select distributors, enterprise partners, and online platforms Volume orders and OEM customizations are now open.

About MIDISEM

MIDISEM is a premium semiconductor brand offering world-class memory and storage solutions. With a legacy of over 30 years, the company behind MIDISEM is globally recognized for quality, speed, and reliability in chip and memory manufacturing.