

Private Tech Tour: Innogrit (Memory control IC): AI SSD in expansion on rising AI inferencing demand; PCIe Gen 6.0 to roll out ahead

China Private Tech Tour
20 - 28 April 2026

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We hosted Innogrit's CEO in Shanghai on April 22 during our Private-Tech Tour (April 20 - 28). Innogrit (Private) provides memory controller IC and SSD (solid-state storage) products. Management highlighted Innogrit's competitive strengths in technology, product coverage, client base, and supply chain. Innogrit continues to enhance its AI SSD products, which can effectively shorten the AI inferencing latency to improve clients' performance when running AI applications (e.g. AI agents). Overall, management is positive on the global AI inferencing demand and holds a strong commitment in the technology migration towards PCIe Gen6, supporting Innogrit's strong growth ahead.

Read across to Montage: Management's positive tone on memory's rising importance in AI application echoes our positive view on Montage. We expect Montage to benefit from rising interconnection demand for cloud computing and AI infrastructure. Meanwhile, the company is expanding to new products, such as PCIe Retimer, DDR5 MRCD/ MDB chips, DDR5 CKD chips, CXL MXC chip, etc, supporting the company's product mix upgrade and earnings growth ahead. **Read more:** [Initiate Montage H-share at Buy.](#)

Company profile: Innogrit (Private) focuses on memory high-performance controller IC and SSD (solid-state storage) products, covering consumer, enterprise, and industrial grade products. The company owns 10 self-developed and mass-produced chips, serving global major memory module suppliers, AI server suppliers, CSPs, etc.

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Innogrit's YRS820 controller chip



Innogrit's Dongting N3X AI SSD



Source: Company data

Key takeaways

1. Competitive strength: Management mentioned that Innogrit aims to start production of PCIe Gen6 AI SSD by end-2026E, with improved bandwidth and strong performance of random read, reflecting Innogrit's leading technology among peers. The wide end product coverage across consumer, enterprise, and industrial grades leads to Innogrit's diversified client base, including global memory module players, AI infrastructure suppliers, local Telcos, CSPs, etc, per management. Innogrit's SSD products are fully equipped with its self-developed controller chips, per management, enhancing the company's profitability and supply chain stability.

2. Enhanced AI SSD to fulfill clients' demand: Innogrit launched its Dongting N3X SSD in 2025, which integrates XL-Flash and SLC NAND and enables a faster data delivery to GPU. As AI workload increases, management highlights the importance of storage solution, and AI SSDs designed for AI inferencing can significantly change the overall efficiency. Management remains positive on the AI inferencing demand and holds a strong commitment in AI SSD technology migration, enabling Innogrit to fulfill clients' technical demand better and supporting its AI SSD shipments growth ahead.

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