

Memblaze Ships Over 150K Units of PBlaze7 7940 SSDs Since Launch

Beijing, China Aug 6, 2024 ([IssueWire.com](https://www.issuewire.com)) - Memblaze, the leading supplier of enterprise SSD products and solutions, proudly announces a significant milestone at FMS 2024: the shipment of over 150,000 units of its PBlaze7 7940 series PCIe 5.0 NVMe SSDs since their launch last year. This achievement underscores the widespread adoption and robust performance of the PBlaze7 7940 series in the enterprise storage market.

The PBlaze7 7940, unveiled at FMS 2023, is equipped with the Marvell Bravera™ SC5 controller and the latest NAND flash technology. Leveraging deep optimization by the Memblaze engineering team and its Unified Framework Platform, it delivers 2.5 times the performance and 1.5 times the power efficiency of conventional PCIe 4.0 SSDs. This exceptional performance supports the growing storage demands of cutting-edge digital applications, such as artificial intelligence, machine learning, and cloud computing.

“We are thrilled with the market response to the PBlaze7 7940 series,” said Dr. Taile Zhang, CEO of Memblaze. “Surpassing the 150,000 unit shipment mark within a few months of its launch is a testament to the exceptional performance and reliability of our product. The rise of AIGC has driven exponential growth in computational demands, and the PBlaze7 7940 is perfectly positioned to meet these needs with its exceptional performance and quality .”

Matt Kim, Vice President of Storage Business at Marvell, commented, “We congratulate Memblaze on achieving this milestone. The PBlaze7 7940 SSDs, powered by our cloud-optimized Bravera™ SC5 SSD controller, demonstrate exceptional performance and reliability, making them ideal for business-critical and high-performance workloads.”

As a next-generation PCIe 5.0 SSD, the PBlaze7 7940 achieves an impressive 4K random read/write performance of up to 2800K IOPS / 720K IOPS, significantly outperforming previous generations. With sequential read and write, speeds doubled to 14GB/s and 10GB/s respectively, the SSD also boasts latency as low as 57/9μs, ensuring seamless operation for latency-sensitive applications.

To meet increasing market demand for high-capacity SSDs, Memblaze has expanded the capacity of the PBlaze7 7940 to 30.72TB, enabling customers to achieve higher performance and storage density. This expansion significantly reduces SSD and server deployments, lowers TCO, and decreases carbon emissions.

PBlaze7 7940 supports NVMe 2.0 and OCP 2.0 specifications, offering a rich array of advanced enterprise features such as NVMe-MI 1.2b out-of-band management, end-to-end data protection, TCG Opal 2.0, read ahead, and 128K atomic write, significantly enhancing data security and product manageability. It provides a capacity range from 3.2TB to 30.72TB and various form factors including 2.5-inch U.2, E3.S 1T, E3.S 2T, E1.S, and HHHL AIC, comprehensively meeting the deployment needs of enterprise customers.

For additional information, please contact contact@memblaze.com.

About Memblaze

Memblaze is the world's leading supplier of enterprise-level SSD (Solid State Drive) products and

solutions. The PBlaze series SSDs have been widely used in database virtualization, cloud computing, big data, artificial intelligence, and other fields, providing stable and reliable high-speed storage solutions for customers in the Internet, cloud service, finance, telecommunications, and other industries. For more information, please visit Memblaze.com.

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