



Press Release

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PNY Performance DDR5 4800MHz Desktop Memory Delivering the Next Generation in Performance

Parsippany, New Jersey, August 17, 2021 - [PNY](#) announced today the latest addition to their extensive lineup of PC memory for computer upgrades as well as for enthusiasts and gamers; Performance DDR5 4800MHz Desktop Memory. Designed for next generation systems supporting the new memory standard, DDR5 will allow for higher-density modules and faster frequency speeds as compared to previous generation technologies.

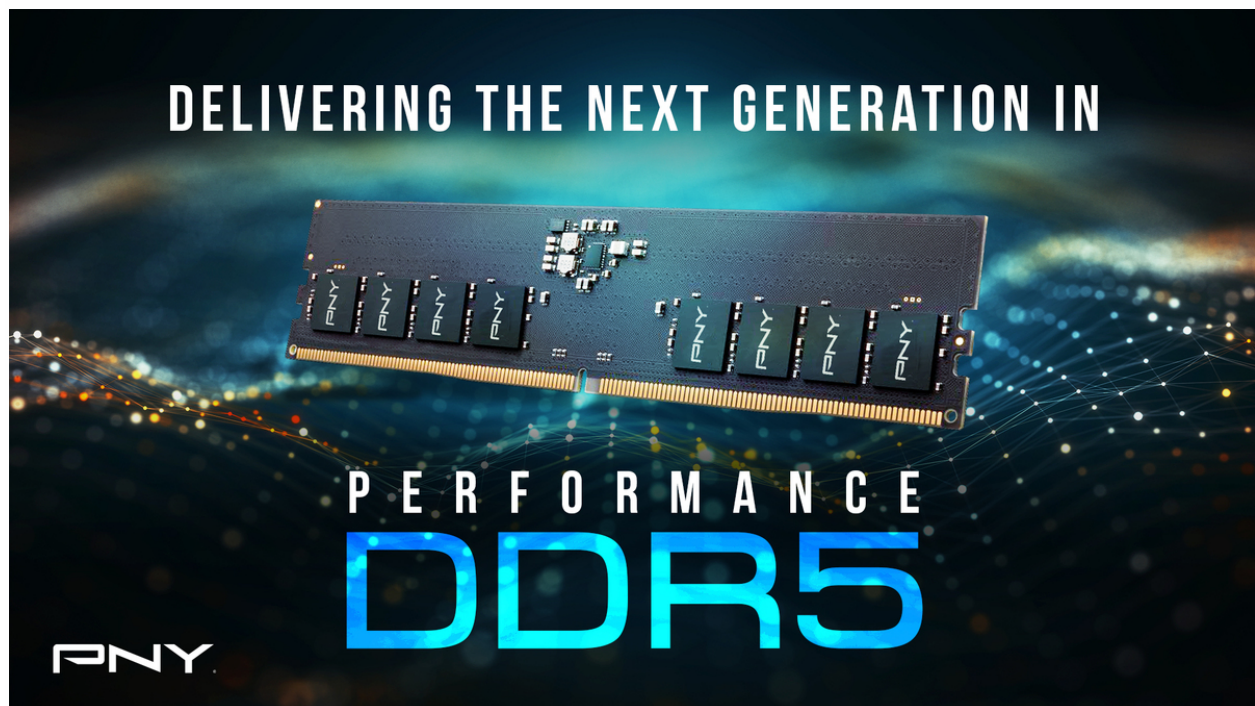


Image: PNY Performance DDR5 4800MHz Desktop Memory

Next Generation Technology

PNY Performance DDR5 is designed to support the growing lineup of motherboards compatible with the new DDR5 memory standard. This advanced technology supports many new and exciting features that were limited or not supported in previous generations of PC memory. DDR5 supports higher density modules, up to four-times higher per module, and faster frequency speeds as standard. Compared to DDR4, which has a limited JEDEC standard speed of 3200 megahertz, DDR5 starts at 4800MHz. The PNY Performance memory will also start at 16GB per module and feature the JEDEC standard frequency of 4800 megahertz.



Loaded with Features

The DDR5 modules will operate at ultra-low 1.1 volts and feature on-die ECC support which increases efficiency. Existing DDR4 memory relies on the motherboard to handle voltage conversion, but DDR5 supports on-module conversion, resulting in lower voltage wear and less noise generation. Thanks to the on-module PMIC (Power Management IC), DDR5 also has higher amounts of headroom for overclocking support and voltage adjustments.

Growing Support

With the Intel Alder Lake CPU launching late 2021, Intel's CPUs will be the first to support the DDR5 standard, but with growing support from other CPU manufactures, DDR5 will likely overtake DDR4 in popularity by 2023.

Statement from Michelle Bolchune, Director of Marketing at PNY

"We're excited to add cutting-edge DDR5 technology to our product portfolio. While we are launching our first DDR5 models in the Performance line, we will also be supporting gamers, content creators, and enthusiasts in their on-going quest for PC performance by launching models under our XLR8 Gaming brand. These models will feature higher frequency speeds, aggressive out-of-the-box overclocking, stylish heat spreaders and RGB illumination."

Statement from Jim Handy, Memory Industry Analyst at Objective Analysis

"The DRAM industry is on the verge of an important transition from today's DDR4 to the higher-performance DDR5 interface. Through this announcement, PNY is clearly showing that it wants to be in the lead during this transition."

Product Availability

PNY XLR8 Gaming DDR5 4800MHz Desktop Memory will be available for compatibility testing with various motherboard manufacturers in the third quarter of 2021, and the company expects the modules to enter mass production in the fourth quarter of 2021, with availability at Amazon, Best Buy.com, and www.pny.com.

Keep Current on PNY Technologies and XLR8 Gaming news.

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About PNY Technologies and XLR8 Gaming

Established in 1985, PNY Technologies®, Inc. celebrates over 35 years of business excellence as a leading manufacturer and supplier of Flash Memory Cards, USB Flash Drives, Solid State Drives, Computer Memory Upgrade Modules, Cables, NVIDIA® GeForce® Consumer Graphics Cards, NVIDIA® Professional Graphics Cards, NVIDIA® Tesla supercomputing inferencing cards, NVIDIA® DGX™ Systems, NVIDIA® Networking Solutions, and PNY GPU powered servers and workstations. The company's photography-videography, mobility, 3D gaming-visualization, and business solutions are widely available from major retail, e-tail, and wholesale outlets internationally. Headquartered in the USA, PNY maintains facilities in North America, Europe, Middle East, Asia, and Latin America.

XLR8 Gaming, PNY Technologies' brand designed for gaming and modding enthusiasts powers their journey towards the ultimate PC experience.

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