Kingston Technology to Release CUDIMM Modules for Intel 800-Series Chipset

Sunbury-on-Thames, UK, October 24, 2024 – [Kingston Technology Europe Co LLP](#) an affiliate of Kingston Technology Company, Inc., a world leader in memory products and technology solutions, today announced the upcoming release of Kingston FURY Renegade DDR5 CUDIMMs, compatible with Intel's new 800-series chipset (formerly codenamed Arrow Lake). Intel's 800-series chipset is the first platform to utilize Clock Drivers on CUDIMMs (Clocked Unbuffered Dual Inline Memory Modules). At 6400MT/s DDR5, JEDEC mandates the inclusion of a Client Clock Driver (CKD) on UDIMMs and SODIMMs. This component buffers and redrives the clock signal from the processor, enhancing signal integrity to the module. To distinguish these advanced modules from standard DDR5 UDIMMs and SODIMMs, JEDEC has designated them as CUDIMMs and CSODIMMs, respectively.

Kingston FURY Renegade RGB and non-RGB CUDIMM modules start at an overclocked speed of 8400MT/s and are available as 24GB single modules and 48GB dual channel kits. Since CUDIMMs and UDIMMs share the same 288-pin connector, Kingston FURY UDIMMs with XMP and EXPO profiles are also compatible with Intel 800-series motherboards. However, it's recommended to verify compatibility through the motherboard manufacturer's QVL (Qualified Vendor List) or by checking the [Kingston Configurator](#) for supported speeds and capacities.

"Our new 8400MT/s CUDIMM modules have been thoroughly tested, qualified by the top motherboard manufacturers, and Intel XMP certified on the new Intel Z890 motherboards with Intel Core Ultra Series 2 processors," said Iwona Zalewska, DRAM business manager,

Kingston EMEA. "The introduction of overclockable DDR5 CUDIMM modules allows us to reach a broader range of professionals who demand top-tier performance and want to push the limits of their systems without compromising signal integrity."

Kingston FURY Renegade DDR5 CUDIMMs will begin shipping November 18.

Part Number	Description
KF584CU40RS-24	24GB 8400MT/s DDR5 CL40 CUDIMM Silver XMP
KF584CU40RSK2-48	48GB 8400MT/s DDR5 CL40 CUDIMM (Kit of 2) Silver XMP
KF584CU40RW-24	24GB 8400MT/s DDR5 CL40 CUDIMM White XMP
KF584CU40RWK2-48	48GB 8400MT/s DDR5 CL40 CUDIMM (Kit of 2) White XMP
KF584CU40RSA-24	24GB 8400MT/s DDR5 CL40 CUDIMM RGB Silver XMP
KF584CU40RSAK2-48	48GB 8400MT/s DDR5 CL40 CUDIMM (Kit of 2) RGB Silver XMP
KF584CU40RWA-24	24GB 8400MT/s DDR5 CL40 CUDIMM RGB White XMP
KF584CU40RWAK2-48	48GB 8400MT/s DDR5 CL40 CUDIMM (Kit of 2) RGB White XMP

For more information visit kingston.com.

Kingston Can Be Found On:

YouTube   Instagram
Facebook   LinkedIn

X

About Kingston Technology Europe Co LLP

Kingston Technology Europe Co LLP and Kingston Technology Company, Inc., are part of the same corporate group ("Kingston"). Kingston is the world's largest independent manufacturer of memory products. From big data to IoT devices, including laptops, PCs, and wearable technology, Kingston Technology is dedicated to delivering top-tier product solutions, service, and support. Trusted by leading PC manufacturers and global cloud providers, we value our long-term partnerships that help us evolve and innovate. We ensure every solution meets the highest standards by prioritising quality and customer care. At every step, we listen, learn, and engage with our customers and partners to deliver solutions that make a lasting impact. To learn more about Kingston Technology and our "Built on Commitment" vision, visit Kingston.com.

# # #

Media Contact:

Debbie Fowler

Kingston Technology Europe Co LLP

07775 695 576

Dfowler@kingston.eu