

KINGSTON

EMBEDDED MEMORY & STORAGE SOLUTIONS

JEDEC-compliant embedded memory and storage solutions designed for commercial, industrial, networking, and intelligent edge applications.

Kingston TECHNOLOGY
BUILT ON COMMITMENT

BUILT FOR EMBEDDED SYSTEMS

Kingston delivers high-quality embedded memory and storage solutions for systems that require dependable performance, long-term availability, and streamlined integration throughout the product lifecycle.

FEATURED EMBEDDED TECHNOLOGIES



MANAGED STORAGE

eMMC — Proven, integrated storage

Compact chip-down managed NAND storage design for embedded applications requiring a reliable and cost-effective storage solution. Ideal for consumer electronics, industrial automation, networking equipment, IoT devices, and other embedded designs.

UFS — High-performance embedded storage

Built for next-generation intelligent edge and mobile applications. UFS delivers faster data access, improved responsiveness, and enhanced multitasking performance for demanding workloads.



EMBEDDED MEMORY

Discrete DRAM — Flexible, reliable memory

Available in DDR3, DDR4, and LPDDR4 options, Kingston's embedded DRAM solutions support a wide range of performance, density, and environmental requirements, including commercial and industrial temperature grades.



MULTI-CHIP PACKAGE

eMCP — Storage and DRAM in one package

Combining eMMC storage and low-power DRAM into a single package, eMCP simplifies system design, reduces board space requirements, and enables efficient integration for compact embedded devices.

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KEY BENEFITS OF WORKING WITH KINGSTON

EMBEDDED ENGINEERING SUPPORT
Expert guidance for memory selection, design integration, and lifecycle planning.

EMBEDDED COMPONENT VALIDATION
Pre-validated solutions help reduce qualification complexity and shorten development cycles.

GLOBAL SUPPLY CHAIN SUPPORT
Forecasting assistance, inventory planning, and flexible logistics help support long-term product availability.

DESIGN RESOURCES
Access CAD models, footprints, and PCB design assets through **SnapEDA** to accelerate development.

CONTROLLED BOM MANAGEMENT
Consistent hardware, firmware, and component configurations help maintain stability throughout production.

BUILT FOR YOUR APPLICATION

CONSUMER ELECTRONICS | INDUSTRIAL AUTOMATION | NETWORKING | AIOT & IOT
HEALTHCARE | INFRASTRUCTURE | WEARABLES | PORTABLE EMBEDDED SYSTEMS

WHY KINGSTON?

When you work with Kingston, you can rely on high-quality solutions backed by one of the most reputable memory and storage providers in the industry, with more than 39 years of experience. Learn more about why companies choose Kingston.

Proven Quality and Reliability
Every component undergoes rigorous qualification processes and comprehensive testing process to help ensure consistent quality, reliability, and performance.

Strong Technology Partnerships
Close collaboration with semiconductor, controller, and chipset manufacturers help ensure compatibility, interoperability, and dependable performance.

Direct Access to Experts
Work directly with Kingston's embedded engineers for support before, during, and after deployment.

For more information or assistance in selecting the right embedded memory and storage solution, contact your local Kingston representative

kingston.com

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