

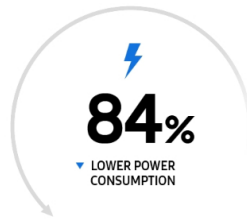
Definitive performance for mobile storage

With superior power efficiency and noticeably fast speed, Samsung's eMMC is the definitive choice for flash storage to develop slim mobile design.

Consistent optimal speed

- Industry leading process technology
- The latest eMMC 5.1 interface

Cutting-edge and competitive, Samsung's lineup of eMMC offers incredible performance at a faster processing speed for today's smaller, slimmer smartphones and tablets. Achieving maximum sequential Read/Write speeds of 330MB/s and 200MB/s (based on 64 GB), eMMC 5.1 easily handles heavy workloads.



High performance at low power

- 84% less power consumption
- Longer life for mobile applications

Developed to enhance the mobile user experience, Samsung flash eMMC demonstrates strong power management and impressive performance with low power consumption of only 0.5 watts, nearly 84% less than the lowest-consuming SSD.

Extensive lineup, quick response

- Trustworthy supply chain
- Quicker response time to market

From 4GB to 256GB, Samsung's wide range of eMMC solutions fully satisfies industry standards for small package sizes and speedy interfaces. With a proven supply chain, eMMC further provides reassuringly stable product management for fast-moving mobile markets to support swift responses to customers.




Product selector

Version	Density	Voltage	Interface	Package Size	Temp.
<input type="checkbox"/> eMMC 5.1	<input type="checkbox"/> 256 GB	<input type="checkbox"/> 1.8 / 3.3 V	<input type="checkbox"/> HS400	<input type="checkbox"/> 11.5 x 13 x 1.2 mm	<input type="checkbox"/> -40 ~ 85 °C
<input type="checkbox"/> eMMC 5.0	<input type="checkbox"/> 128 GB	<input type="checkbox"/> 1.8, 3.3 V / 3.3 V		<input type="checkbox"/> 11.5 x 13 x 1.0 mm	<input type="checkbox"/> -40 ~ 105 °C
	<input type="checkbox"/> 64 GB			<input type="checkbox"/> 11.5 x 13 x 0.8 mm	<input type="checkbox"/> -25 ~ 85 °C
	<input type="checkbox"/> 32 GB			<input type="checkbox"/> 11 x 10 x 0.8 mm	
	<input type="checkbox"/> 16 GB				
	<input type="checkbox"/> 8 GB				
	<input type="checkbox"/> 4 GB				

Part Number	Version	Density	Voltage	Interface	Package Size	Temp.
KLM4G1FETE-B041	eMMC 5.1	4 GB	1.8, 3.3 V / 3.3 V	HS400	11 x 10 x 0.8 mm	-25 ~ 85 °C
KLM8G1GESD-B03P	eMMC 5.0	8 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 85 °C
KLM8G1GESD-B03Q	eMMC 5.0	8 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 105 °C
KLM8G1GESD-B04P	eMMC 5.1	8 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 85 °C
KLM8G1GESD-B04Q	eMMC 5.1	8 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 105 °C
KLM8G1GETF-B041	eMMC 5.1	8 GB	1.8, 3.3 V / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-25 ~ 85 °C
KLM8G1GEUF-B04P	eMMC 5.1	8 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 85 °C
KLM8G1GEUF-B04Q	eMMC 5.1	8 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 105 °C
KLMAG1JETD-B041	eMMC 5.1	16 GB	1.8, 3.3 V / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-25 ~ 85 °C
KLMAG2GESD-B03P	eMMC 5.0	16 GB	1.8 / 3.3 V	HS400	11.5 x 13 x 0.8 mm	-40 ~ 85 °C


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