

DRAM LPDDR4X



- High Speed up to 3733 MT/s
- Voltage : 1.8V / 1.1 / 0.6
- Capacity range from 16Gb to 32Gb
- Standard Temp. range from 0°C to + 95°C (Tc)
- Small package design to save board space
- Higher storage densities suitable for high-performance applications



High-Speed Data for Mobile & Embedded

Supports data rates up to 3733 MT/s, delivering fast and efficient performance for mobile and embedded applications. Designed for low latency and seamless data processing, it enhances overall system efficiency in high-performance computing environments.



Stable Performance in Extreme Conditions

Designed for reliability, LPDDR4X operates within a 0°C to 95°C range, ensuring consistent functionality in industrial environments. It maintains stable operation even in demanding temperature conditions, supporting long-term system durability.



Low Power Consumption for Energy Efficiency

Optimized for power-sensitive applications, it delivers high performance while reducing energy consumption. Ideal for mobile, IoT, and embedded systems, it extends battery life and minimizes heat generation, ensuring long-lasting and efficient operation in portable and edge devices.

Edition	Standard-Temp
Package	200 Ball FBGA
Data Rate	3733 MT/s
Capacity	16Gb / 32Gb
Voltage	1.8V / 1.1 / 0.6
Configuration	16Gb (512Mb x32) / 32Gb (1Gb x32)
Operational temperature (Tc, Case Temperature)	0°C to 95°C
Warranty	3 years warranty

Ordering Information

Edition	Model Name	Speed (MT/s)	Capacity	Package	Config.
Standard-Temp 0°C to 95°C (Tc)	EXL4H16G37BFC	3733	16Gb	200 Ball FBGA (Lead & Halogen Free)	512Mb x32
	EXL4H32G37BGC		32Gb		1Gb x32