



# Kingston Technology KSM32RS8L/16MFR memory module 16 GB 1 x 16 GB DDR4 3200 MHz ECC

**Brand :** Kingston Technology

**Product code:** KSM32RS8L/16MFR

**Product name :** KSM32RS8L/16MFR

- 16 internal banks
  - Bi-Directional Differential Data Strobe
  - 8 bit pre-fetch
  - Burst Length (BL) switch on-the-fly BL8 or BC4(Burst Chop)
  - Supports ECC error correction and detection
  - On-Die Termination (ODT)
  - Temperature sensor with integrated SPD
  - This product is in compliance with the RoHS directive
  - Per DRAM Addressability is supported
  - Internal Vref DQ level generation is available
  - Write CRC is supported at all speed grades
  - CA parity (Command/Address Parity) mode is supported
- 16GB, DDR4, 3200MT/s, ECC, Registered, VLP, DIMM, CL22, 1RX8, 1.2V, 288-pin, 16Gbit

[Kingston Technology KSM32RS8L/16MFR memory module 16 GB 1 x 16 GB DDR4 3200 MHz ECC:](#)

Kingston makes it quick and easy to select compatible RAM memory for your Desktop PC, Laptop, or Server.

Kingston Technology KSM32RS8L/16MFR. Component for: PC/Server, Internal memory: 16 GB, Memory layout (modules x size): 1 x 16 GB, Internal memory type: DDR4, Memory clock speed: 3200 MHz, Memory form factor: 288-pin DIMM, CAS latency: 22, ECC

Features		Features	
Buffered memory type	Registered (buffered)	Row active time	32 ns
CAS latency	22	SPD profile	✓
Internal memory *	16 GB	Programming power voltage (VPP)	2.5 V
Memory layout (modules x size) *	1 x 16 GB	Lead plating	Gold
Internal memory type *	DDR4	JEDEC standard	✓
Memory clock speed *	3200 MHz	<b>Operational conditions</b>	
Component for *	PC/Server	Operating temperature (T-T)	0 - 85 °C
Memory form factor *	288-pin DIMM	Storage temperature (T-T)	-55 - 100 °C
ECC *	✓	<b>Technical details</b>	
Memory ranking	1	Compliance certificates	RoHS
Memory voltage	1.2 V	<b>Weight &amp; dimensions</b>	
Module configuration	2048M x 72	Width	133.3 mm
Row cycle time	45.75 ns	Height	18.8 mm
Refresh row cycle time	350 ns	<b>Logistics data</b>	
		Harmonized System (HS) code	84733020



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