Kingston Technology 64GB DDR5 6400MT/s ECC Registered DIMM



Brand : Kingston Technology

Product code: KSM64R52BD4-64HA

Product name : 64GB DDR5 6400MT/s ECC Registered DIMM

- Power Supply: VDD = 1.1V Typical
- VDDQ = 1.1V Typical
- VPP = 1.8V Typical
- VDDSPD = 1.8V to 2.0V
- On-Die ECC
- x80 ECC (x40, 2 independent I/O sub channels)
- 32 internal banks
- Hard/Soft Post Package Repair
- Sideband access with I3C/I2C
- PCB: Height 1.23” (31.25mm)
- RoHS Compliant and Halogen-Free

64 GB 6400MT/s DDR5 ECC Reg CL52 DIMM 2Rx4 Hynix A

Kingston Technology 64GB DDR5 6400MT/s ECC Registered DIMM:

Kingston's KSM64R52BD4-64MD is a 8G x 80-bit (64GB) DDR5-6400 CL52 SDRAM (Synchronous DRAM), 2Rx4, ECC, memory module, based on forty 4G x 4-bit FBGA components. The SPD is programmed to JEDEC standard latency DDR5-6400 timing of 52-52-52 at 1.1V. Each 288-pin DIMM uses gold contact fingers.
Kingston Technology 64GB DDR5 6400MT/s ECC Registered DIMM. Component for: Server, Internal memory: 64 GB, Memory layout (modules x size): 1 x 64 GB, Internal memory type: DDR5, Memory form factor: 288-pin DIMM, CAS latency: 52, ECC

Features	
On-Die ECC	✗
CAS latency	52
Internal memory *	64 GB
Memory layout (modules x size) *	1 x 64 GB
Internal memory type *	DDR5
Memory data transfer rate *	6400 MT/s
Component for *	Server
Memory form factor *	288-pin DIMM
ECC *	✓
Buffered memory type	Registered (buffered)
Memory ranking	1
Memory voltage	1.1 V
Row cycle time	48 ns
Refresh row cycle time	295 ns
Row active time	32 ns

Features	
Row Precharge Time (TRP)	16
SPD profile	✓
Programming power voltage (VPP)	1.8 V
Lead plating	Gold
JEDEC standard	✓
Operational conditions	
Operating temperature (T-T)	0 - 95 °C
Storage temperature (T-T)	-55 - 100 °C
Sustainability	
Compliance certificates	RoHS
Weight & dimensions	
Width	133.3 mm
Height	31.2 mm
Other features	
Chips organisation	1Rx8
Doesn't contain	Halogen

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