Shenzhen Kinghaoi Technology Co., Ltd.

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Kinghaoi DDR5 Memory

Kinghaoi DDR5 Memory

Kinghaoi DDR5 memory modules deliver next-generation performance for Gamers, Designers and Workstation users. Engineered with premium DRAM ICs and a built-in PMIC design, they provide higher frequencies, larger capacities and on-die ECC protection at a low 1.1V operating voltage. Fully validated for broad compatibility with mainstream Intel and AMD platforms, they offer a reliable, high-performance upgrade path for demanding workloads.

Features

Unlock Ultimate Performance for Gamers & Designers
On-die ECC for Enhanced Stability
Built-in PMIC with 1.1V Low-Power Design

Specifications

Kinghaoi DDR5 Memory (SODIMM)				
Model No.	**KHI-DDR5SO08GBXXXX**	**KHI-DDR5SO16GBXXXX**	**KHI-DDR5SO32GBXXXX**	
Form Factor	**SODIMM**			
Capacity	**8GB**	**16GB**	**32GB**	
Frequency	4800MHz 5200MHz 5600MHz	4800MHz 5200MHz 5600MHz	4800MHz 5200MHz 5600MHz	
Bandwidth	38400MB/S 41600MB/S 44800MB/S	38400MB/S 41600MB/S 44800MB/S	38400MB/S 41600MB/S 44800MB/S	
Timing	CL40-40-40-82 CL42-42-42-83 CL46-46-46-90	CL40-40-40-82 CL42-42-42-83 CL46-46-46-90	CL40-40-40-82 CL42-42-42-83 CL46-46-46-90	
Voltage	1.1V	1.1V	1.1V	
Pin	262pin (SODIMM)	262pin (SODIMM)	262pin (SODIMM)	
Compatible Device	Laptop	Laptop	Laptop	
Computer Memory	DRAM Module			
ECC Support	On-die ECC (Not Registered ECC)			
SPD	JEDEC Standard SPD			
Buffered / Un-buffered Memory	Un-buffered Memory			
Operating Temperature	0°C ~ 70°C			
Storage Temperature	-20°C ~ 85°C			
Warranty Period	Lifetime			

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Features

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Specifications

Kinghaoi DDR5 Memory (UDIMM)				
Model No.	**KHI-DDR5UD08GBXXXX**	**KHI-DDR5UD16GBXXXX**	**KHI-DDR5UD32GBXXXX**	
Form Factor	**UDIMM**			
Capacity	**8GB**	**16GB**	**32GB**	
Frequency	4800MHz 5200MHz 5600MHz 6000MHz XMP /	4800MHz 5200MHz 5600MHz 6000MHz XMP 6400MHz XMP	4800MHz 5200MHz 5600MHz 6000MHz XMP 6400MHz XMP	
Bandwidth	38400MB/S 41600MB/S 44800MB/S 48000MB/S /	38400MB/S 41600MB/S 44800MB/S 48000MB/S 51200MB/S	38400MB/S 41600MB/S 44800MB/S 48000MB/S 51200MB/S	
Timing	CL40-40-40-82 CL42-42-42-83 CL46-46-46-90 CL38-38-38-76 /	CL40-40-40-82 CL42-42-42-83 CL46-46-46-90 CL38-38-38-76 CL38-42-42-84	CL40-40-40-82 CL42-42-42-83 CL46-46-46-90 CL38-38-38-76 CL38-42-42-84	
Voltage	1.1V 1.1V 1.1V 1.25V /	1.1V 1.1V 1.1V 1.25V 1.25V	1.1V 1.1V 1.1V 1.25V 1.25V	
Pin	288pin (UDIMM)	288pin (UDIMM)	288pin (UDIMM)	
Compatible Device	Desktop	Desktop	Desktop	
Computer Memory	DRAM Module			
ECC Support	On-die ECC (Not Registered ECC)			
SPD	JEDEC Standard SPD			
Buffered / Un-buffered Memory	Un-buffered Memory			
Operating Temperature	0°C ~ 70°C			
Storage Temperature	-20°C ~ 85°C			
Warranty Period	Lifetime			

Notice

Specifications and performance data are for reference only. Actual performance may vary depending on system platforms and configurations. Warranty applies to manufacturing defects only. Compatibility issues caused by third-party motherboards, BIOS or platform settings are excluded. Specifications are subject to change without prior notice. ©Shenzhen Kinghaoi Technology Co., Ltd. All rights reserved.

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