

T-CREATE MASTER DDR5 OC R-DIMM Memory

T-CREATE MASTER DDR5 OC R-DIMM is an overclocking ECC Registered DIMM memory with an all-in-one porous heat dissipation design and thermal gap pad with high thermal conductivity. It is equipped with On-Die ECC and ECC functions to stabilize system operation. With a memory of 48 GB, the product can have a memory capacity of 384 GB max when used together with 8 DIMM sockets on a workstation's motherboard, allowing professionals to complete tasks of all sorts quickly when dealing with large-scale projects, analyzing large amounts of data, or running multiple professional applications.

Primary functions and features

- Defies all you know about R-DIMM memory
- Professionally designed with low-key aesthetics
- Error-correction code (ECC) allows for a more focused creation
- Professional and highly-effective heat dissipation ability
- Lifetime warranty guarantees every creation
- Patented IC classification and verification technology, ensuring applicability and durability (Taiwan Invention Patent: I751093; US Invention Patent: US11488679)

Main introduction

Defies all you know about R-DIMM memory

T-CREATE MASTER DDR5 OC R-DIMM is an overclocking ECC Registered DIMM memory. Equipped with 48 GB of memory capacity, the product can have a memory capacity of 384 GB max when used together with 8 DIMM sockets on a workstation's motherboard, allowing professionals to complete tasks of all sorts quickly when dealing with large-scale projects, analyzing large amounts of data, or running multiple professional applications.

Professionally designed with low-key aesthetics

Professionally designed with low-key aesthetics, the T-CREATE Logo on T-CREATE MASTER DDR5 OC R-DIMM will only appear under specific angle and lighting. Aesthetically inside out, the product delivers a professional and low-profile appearance that suits creators.

Error-correction code (ECC) allows for a more focused creation

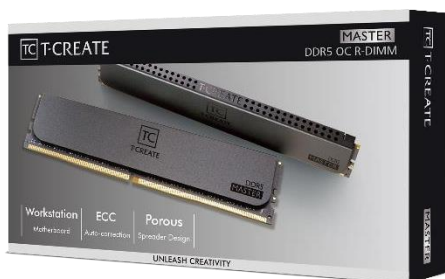
Besides having On-Die ECC to correct bit errors on DRAM, T-CREATE MASTER DDR5 OC R-DIMM comes with ECC to correct external errors and repair data corruption to allow for a stable-operating system and a more focused creating process.

Professional and highly-effective heat dissipation ability

To address the heat brought about by DDR5's high performance and strengthen PMIC's heat dissipation effects, T-CREATE MASTER DDR5 OC R-DIMM has an all-in-one porous heat dissipation design and thermal gap pad with high thermal conductivity to increase its heat dissipation effects, stabilizing the enormous computing ability needed by the system.

Lifetime warranty guarantees every creation

T-CREATE MASTER DDR5 OC R-DIMM comes with lifetime warranty that offers exchanges free-of-charge for non-man-made damage under a simple applying procedure.



Specifications

Module Type	DDR5 288 Pin ECC Registered DIMM		
Frequency	6800	6400	6000
Capacity	4x16GB 8x16GB	4x16GB 4x24GB 8x16GB 8x24GB	4x16GB 4x24GB 8x16GB 8x24GB
Latency	CL34-44-44-84	CL32-39-39-84	CL32-39-39-84
Data Transfer	54,400 MB/s (PC5 54400)	51,200 MB/s (PC5 51200)	48,000 MB/s (PC5 48000)
Bandwidth	1.4V	1.4V	1.4V
Voltage	W790		
Compatibility	32(H) x 133(L) x 7(W) mm		
Dimensions	Aluminum heat-spreader		
Profile	Intel XMP 3.0		
Heat Sink	Lifetime warranty		

※We reserve the right to modify product specifications without prior notice.

※Check "Product Compatibility Inquiry" before purchase for further info. <https://www.teamgroupinc.com/en/support/compatibility.php>

※Before purchasing memory products, please refer to the QVL(Qualified Vendor List) compatibility list first of the motherboard.

※The quality of the CPU memory controller (IMC) and the version from the BIOS of motherboard may both potentially affect the operating frequency of the memory.

※The overclocking memory with high frequency needs a more enhanced heat solution inside the case, to bring out better stability.

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※Do not mix memory modules of different capacities, frequencies, brands, or models. Each memory kit is paired through compatibility testing. Mixing different kits may cause system instability or failure to boot.

※Memory kits labeled "Support Intel XMP 3.0" only include XMP Profiles. Kits labeled "Support AMD EXPO" only include EXPO Profiles. Kits labeled "COMBINATION Intel XMP/AMD EXPO" include both XMP and EXPO Profiles.

※If the system fails to boot, reset the motherboard CMOS, enter BIOS with default frequency, and then enable the Profile to retry system boot.

※Failure to install and use the memory as per the official specifications, warnings, or operating instructions may result in the memory not operating at the speed indicated on the packaging, system instability, or damage to other hardware.

※For product-related or technical support issues, please contact our professional technical support team via email.



Team Group Inc. was founded in 1997 in Taiwan, leading the industry by possessing professional research and development capabilities and a tightly-knit global sales network in storage and memory product, ranking among CommonWealth Magazine's top 1000 enterprises.



PERFECT CHOICE

Products from Team Group Inc. have been well received by the technology media around the globe and have won honors such as COMPUTEX d&i awards, COMPUTEX Best Choice Award, GOOD DESIGN AWARD, Golden Pin Design Award, Taiwan Excellence Awards, iF Design Award and Red Dot Award.

GLOBALIZATION

Team Group Inc. has built up a strong center in Taiwan for production, R&D, sales and customer service, and has over 300 global sales agents and 400 employees worldwide. Team Group Inc. uses differentiating sales strategies with a global vision and localized channel management to establish a closed distribution network.

GUARANTEED QUALITY & WARRANTY SERVICE

Team Group Inc. is well praised by the industry and customers by adhering to the corporate philosophy of "Integrity, Innovation, Professionalism, Efficiency, Discipline, and Simplicity." We offer faster repair and exchange services than others, guaranteeing a minimized delivery time for every global customer.

SOLID R&D CAPABILITIES

With the best technical and manufacturing team, products from Team Group Inc. are made with innovation and strict quality control. Our memory technology has passed the ISO9001 and ISO14001 certifications, taking the lead in the memory industry with our latest overclocking memory modules.



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Ordering information

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
BLACK	DDR5-6000 (PC5-48000)	CL32-39-39-84 1.4V	4x16GB	x8	CTCMD560G6000HC32AQC01
			4x24GB	x8	CTCMD596G6000HC32AQC01
	DDR5-6400 (PC5-51200)	CL32-39-39-84 1.4V	4x16GB	x8	CTCMD564G6400HC32AQC01
			4x24GB	x8	CTCMD596G6400HC32AQC01
	DDR5-6800 (PC5-54400)	CL34-44-44-84 1.4V	4x16GB	x8	CTCMD564G6800HC34BQC01

Color	Frequency	CAS Latency/Voltage	Capacity	IC Specifications	Team P/N
BLACK	DDR5-6000 (PC5-48000)	CL32-39-39-84 1.4V	8x16GB	x8	CTCMD5128G6000HC32AOC01
			8x24GB	x8	CTCMD5192G6000HC32AOC01
	DDR5-6400 (PC5-51200)	CL32-39-39-84 1.4V	8x16GB	x8	CTCMD5128G6400HC32AOC01
			8x24GB	x8	CTCMD5192G6400HC32AOC01
	DDR5-6800 (PC5-54400)	CL34-44-44-84 1.4V	8x16GB	x8	CTCMD5128G6800HC34BOC01



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