SKU Live Date	Mar 06, 2023 6:00 am PDT
Product Full Name / Title	CORSAIR VENGEANCE DDR5 48GB (2x24GB) DDR5 7000 (PC5-56000) C40 1.4V Intel XMP Desktop Memory - Black
Part Number	CMH48GX5M2B7000C40
UPC Number	840006667094
Search Keywords	ddr5 ram, rgb ram, xmp, intel xmp, overclocked memory, corsair ram, corsair vengeance, corsair memory, dram, computer memory, ddr5 memory, corsair icue
Product Imagery	Image Link
Product Video	Video Link
Compatibility List	Intel 700 series

Overview

CORSAIR VENGEANCE RGB DDR5 memory delivers DDR5 performance, higher frequencies, and greater capacities optimized for Intel® motherboards while lighting up your PC with dynamic, individually addressable ten-zone RGB lighting. Tightly screened high-frequency memory chips enable faster processing, rendering, and buffering than ever, with onboard voltage regulation for easy, finely controlled overclocking. Take control with CORSAIR iCUE software and enable RGB lighting customization, real-time frequency monitoring, onboard voltage regulation, and Intel XMP 3.0 profile customization. A custom PCB provides superb signal quality for high performance and stability on the latest Intel DDR5 motherboards. For cutting-edge DDR5 performance with mesmerizing RGB lighting, VENGEANCE RGB DDR5 lights the way.

Features and Benefits

Welcome to the Cutting-Edge of Performance: Push the limits of your system like never before with CORSAIR DDR5 memory, unlocking even faster frequencies, greater capacities, and higher CPU processing.
Dynamic Ten-Zone RGB Lighting: Illuminate your system with ten individually addressable, ultra-bright RGB LEDs per module, encased in a panoramic light bar for vivid RGB lighting from any viewing angle.
Onboard Voltage Regulation: Enables easier, more finely-tuned, and more stable overclocking through CORSAIR iCUE software than previous generation motherboard control.
Custom Intel® XMP 3.0 Profiles: Customize and save your own XMP profiles via iCUE to tailor performance by app or task for greater efficiency.
Create and Customize: Choose from dozens of preset lighting profiles, or create your own in iCUE.
Maximum Bandwidth and Tight Response Times: Optimized for peak performance on the latest Intel® DDR5 motherboards.
Custom Performance PCB: Provides the highest signal quality for the greatest level of performance and stability.
Tightly Screened Memory: Carefully screened memory chips for extended overclocking potential.
Powerful CORSAIR iCUE Software: Dynamic RGB lighting control synchronized across your entire iCUE setup, real-time temperature and frequency readings, onboard voltage regulation, and custom XMP profiles.
Stylish Solid Aluminum Heatspreader: Efficiently conducts heat away from your memory, with refined VENGEANCE styling to fit the look of modern systems.

Limited Lifetime Warranty: For complete peace of mind.

Tech Specs

• Density:	48GB (2 x 24GB)	• PMIC:	Overclock PMIC
• Speed:	DDR5-7000	• Software control:	CORSAIR iCUE
• Tested Latency:	40-52-52-114	• Pin Out:	288
• Voltage:	1.4V	• Intel XMP 3.0	
• Format:	DIMM	• Heatspreader:	Aluminum
• LED:	RGB	• Compatibility:	Intel 700 Series

Accessories

CMDAF 2 Corsair Dominator Airflow Platinum RGB(Not Included)

Shipping Information

Module Dimensions (L x W x H)	138 x 7 x 45 mm / 5.43" x 0.27"x 1.77"
Unboxed Product Weight (2 pcs)	0.048 kg / 0.11 lbs
Shipping Dimensions (L x W x H)	131 x 11 x 162 mm / 5.16" x 0.43" x 6.38"
Shipping Weight	0.15 kg / 0.33 lbs
Pallet Quantity	N/A
Inner Pack Dimension (L x W x H)	160 x 130 x 175 mm / 6.3" x 5.12" x 6.89"
Inner Pack Quantity	10
Inner Pack Weight	1.72 kg / 3.79 lbs
Harmonized Tariff Code	8473.30.1140
Place of Origin	TAIWAN
Warranty	Limited Lifetime

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