SKU Live Date	Oct 14th, 2024 6:00 am PDT
Product Full Name / Title	CORSAIR VENGEANCE RGB DDR5 16GB (1 x 16GB) DDR5 5200 CL40-40-40-77 1.25V Intel XMP & AMD EXPO - GREY
Part Number	CMH16GX5M1B5200Z40
UPC Number	840440488453
Search Keywords	ddr5 ram, rgb ram, AMD EXPO & Intel XMP 3.0, overclocked memory, corsair ram, corsair vengeance, corsair memory, dram, computer memory, ddr5 memory, corsair icue
Product Imagery	Link PWD: n@58g1ZuL592
Product Video	Link PWD: n@58g1ZuL592
Compatibility List	AMD X670 Series, Intel 700 Series

Overview

CORSAIR VENGEANCE RGB DDR5 memory for AMD delivers DDR5 performance, higher frequencies, and greater capacities optimized for AMD® 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 providing reliable power at high frequencies for easy, finely controlled overclocking. Take control with CORSAIR iCUE software and enable RGB lighting customization, real-time frequency monitoring, onboard voltage regulation, and AMD EXPO & Intel XMP 3.0 profile customization. A custom PCB provides superb signal quality for high performance and stability on the latest DDR5 motherboards. For cutting-edge DDR5 performance with mesmerizing RGB lighting, VENGEANCE RGB DDR5 for AMD 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.
AMD® EXPO and Intel XMP 3.0 Compatibility: Compatible with AMD® EXPO and Intel XMP 3.0 for higher frequencies and exceptional overclocking performance.
Maximum Bandwidth and Tight Response Times: Optimized for peak performance on the latest 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.
Optimized for latest DDR5 Motherboards: For wide compatibility with the latest motherboards.
Limited Lifetime Warranty: For complete peace of mind.

Tech Specs

• Density:	16GB (1 x 16GB)	• PMIC:	Overclock PMIC
• Speed:	DDR5-5200	• Software control:	CORSAIR iCUE
• Tested Latency:	40-40-40-77	• Pin Out:	288
• Voltage:	1.25V	• AMD EXPO & Intel XMP 3.0 Technology	
• Format:	DIMM	• Heatspreader:	Aluminum
• LED:	RGB	• Compatibility:	AMD X670 Series, 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	0.1 kg / 0.22 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	20
Inner Pack Weight	1.36 kg / 3 lbs
Harmonized Tariff Code	8473.30.1140
Place of Origin	TAIWAN
Warranty	Limited Lifetime

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