PVE2432G320C8

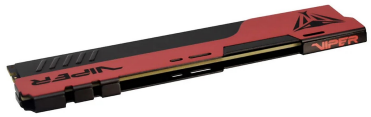
Patriot Viper Elite II 32GB DDR4-3200 CL18 1.35V 288-pin Gaming Memory

Product Overview

Patriot Viper Elite II 32GB DDR4 3200Mhz Gaming Memory; PC4-25600; CL18; timings 18-22-22-42; 1.35V tested voltage; 288-pin DIMM; unbuffered; non-ECC; Intel XMP 2.0; red and black aluminium heat spreader







Specifications

About this product

The Patriot Viper Elite II PVE2432G320C8 32GB DDR4 3200MHz Gaming Memory is a high-performance desktop RAM module designed for gaming, content creation and demanding multitasking. Featuring 32GB capacity, 3200MHz tested memory speed, CL18 latency, an aluminium heat spreader and Intel XMP 2.0 support, this DDR4 memory provides a practical upgrade for compatible desktop PCs. Buy the Patriot Viper Elite II 32GB RAM online for responsive computing, efficient multitasking and reliable performance for your gaming and productivity needs.

Overview Summary

Patriot Viper Elite II 32GB DDR4 3200MHz Desktop Memory

The Patriot Viper Elite II PVE2432G320C8 is a single 32GB DDR4 desktop memory module designed for users who need additional system memory for modern gaming, content creation and everyday productivity. Operating at a tested speed of 3200MHz, with CL18 timings and a PC4-25600 memory specification, it supports responsive performance when installed in a

compatible desktop computer.

The module features a distinctive red and black aluminium heat spreader designed to help dissipate heat. Intel XMP 2.0 support allows compatible systems to configure supported memory performance profiles. Its unbuffered, non-ECC design makes it suitable for compatible desktop motherboards that support DDR4 UDIMM memory. Check your motherboard and processor specifications before purchasing to confirm supported capacity and speed.

Performance tier: Performance DDR4 desktop memory

Uses:PC gaming, multitasking, content creation, photo editing, video editing, productivity applications, desktop PC memory upgrades

Overview

The Viper Elite II DDR4 memory modules are designed with innovative upgrades to update our current Viper Elite line. The Viper Elite II lineup utilizes a Viper red aluminum heatshield for extreme overall thermal conductivity to ensure optimal performance. The Viper Elite II incorporates DDR4 technology, which is ideal for: gaming, content creation, and productivity applications.

Experience smoother performance thanks to the higher available capacities and clock speeds of our Viper Elite II modules. Our Viper Elite II DDR4 kits are tested thoroughly and validated for enhanced system compatibility. Built for the latest Intel(RegTM) and AMD(TM) platforms, the Viper Elite II provides solid performance, reliable stability for the most demanding computer environments, and high-quality assurance.

Description

The Patriot Viper Elite II PVE2432G320C8 is a 32GB DDR4 memory module developed for compatible desktop computers used for gaming, creative applications and everyday computing. With a tested memory speed of 3200MHz, it provides a substantial memory capacity for running multiple applications and handling memory-intensive workloads. It is a suitable option for users upgrading an existing desktop PC or configuring a compatible system for demanding software.

This single-module configuration provides 32GB of memory in one 288-pin DIMM. Its DDR4-3200 specification corresponds to PC4-25600, while the tested performance profile features CL18 timings of 18-22-22-42 at 1.35V. Actual operating speed depends on the capabilities and settings of the motherboard and processor, and the system may require a compatible memory profile to achieve the tested speed.

The Viper Elite II design includes a red and black aluminium heat spreader that helps dissipate heat from the memory module. Intel XMP 2.0 support provides a convenient way to apply compatible memory performance settings on supported systems. The module uses an unbuffered, non-ECC design intended for compatible desktop memory slots rather than laptop memory slots or systems requiring registered ECC memory.

For gamers, creators and productivity users, 32GB of RAM can provide room for demanding games, multiple browser tabs, creative applications and other programs running simultaneously. Before installation, verify DDR4 support, DIMM compatibility, maximum supported memory capacity and processor memory specifications. Buy the Patriot Viper Elite II 32GB DDR4 memory to expand your compatible desktop PC's memory capacity.

Features

The Patriot Viper Elite II DDR4 memory combines high capacity, tested 3200MHz performance and a distinctive heat spreader design for compatible desktop PC upgrades.

- 32GB memory capacity: Provides substantial system memory for gaming, multitasking and demanding productivity applications.
- DDR4 3200MHz tested speed: Supports a tested memory performance profile of 3200MHz on compatible systems.
- PC4-25600 specification: Delivers a rated data transfer specification associated with DDR4-3200 memory.
- CL18 tested timings: Uses tested timings of 18-22-22-42 for the 3200MHz performance profile.

- Intel XMP 2.0 support: Allows compatible motherboards to apply supported memory performance profiles through system firmware settings.
- Aluminium heat spreader: Helps dissipate heat from the memory module during operation.
- Red and black design: Adds the distinctive Viper Elite II styling to a desktop PC build.
- 288-pin DIMM format: Designed for compatible desktop motherboards with standard DDR4 DIMM slots.
- Unbuffered, non-ECC memory: Suitable for compatible desktop platforms designed for this type of memory.
- Intel and AMD platform compatibility: The product line is tested across supported Intel and AMD desktop platforms. Compatibility and achievable speed depend on the specific motherboard and processor.

What's in the Box

- 1 x Patriot Viper Elite II 32GB DDR4 3200MHz desktop memory module
- Retail packaging

Specifications

- Brand: Patriot Memory
- Product series: Viper Elite II
- Model number: PVE2432G320C8
- Product type: Desktop RAM module
- Total capacity: 32GB
- Module configuration: 1 x 32GB
- Memory technology: DDR4 SDRAM
- Tested memory speed: 3200MHz
- Memory standard: DDR4-3200 / PC4-25600
- Base frequency: 2666MHz
- Tested CAS latency: CL18
- Tested timings: 18-22-22-42
- Base timings: 19-19-19-43
- Tested voltage: 1.35V
- Base voltage: 1.2V
- Form factor: DIMM
- Pin count: 288-pin
- Signal processing: Unbuffered
- Error correction: Non-ECC
- Memory profile support: Intel XMP 2.0
- Heat spreader: Aluminium
- Colour: Red and black
- Module dimensions: Approximately 13.3 x 3.5 x 0.5 cm
- Module weight: Approximately 36g
- Warranty: Limited lifetime warranty, subject to the manufacturer's terms and conditions
- System compatibility: Compatible desktop motherboards supporting DDR4 288-pin unbuffered non-ECC DIMM memory

FAQ

Is the Patriot Viper Elite II PVE2432G320C8 suitable for gaming?

Yes. Its 32GB capacity and tested 3200MHz DDR4 speed make it suitable for compatible gaming desktop PCs, including systems running modern games alongside other applications.

How much RAM does this Patriot Viper Elite II module provide?

This product is a single 32GB memory module, supplied as 1 x 32GB. It is not a two-module 16GB kit.

Is the Patriot Viper Elite II PVE2432G320C8 compatible with laptops?

No. This product uses a 288-pin desktop DIMM format. Most laptops that accept upgradeable memory use a smaller SO-DIMM format, so check your device's memory requirements before purchasing.

Will this RAM work with Intel and AMD processors?

The Viper Elite II product line is tested across compatible Intel and AMD platforms. Confirm that your specific motherboard and processor support DDR4 desktop DIMM memory and the desired memory capacity and speed.

Does this Patriot RAM run at 3200MHz automatically?

The module has a tested 3200MHz performance profile. The default operating speed may be lower depending on the system. Enabling a compatible XMP 2.0 profile may be required to use the tested speed, provided the motherboard and processor support it.

What does CL18 mean on this DDR4 memory?

CL18 refers to the CAS latency timing of the tested 3200MHz memory profile. The complete tested timing specification for this module is 18-22-22-42.

Does the Patriot Viper Elite II 32GB RAM have a heatsink?

Yes. It features a red and black aluminium heat spreader designed to help dissipate heat from the memory module during operation.

Can I combine this 32GB module with my existing RAM?

Potentially, provided your motherboard supports the combined capacity and the existing memory is compatible. Mixing memory modules can affect operating speed and stability. For best results, check the motherboard specifications and memory configuration guidance before installation.

Is this RAM suitable for video editing and content creation?

Yes. Its 32GB capacity can support compatible video editing, image editing, content creation and multitasking workloads. Actual application performance also depends on the processor, graphics hardware, storage and software requirements.

What warranty does the Patriot Viper Elite II memory include?

The product is listed with a limited lifetime warranty. Coverage and claim requirements are subject to the manufacturer's applicable warranty terms.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/PVE2432G320C8-Patriot-Viper-Elite-II-32GB-DDR4-3200-CL18-1-35V-288-pin-Gaming-Memory-p-341706.php

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