RUN SMALL BUSINESSES AND DEDICATED HOSTING EFFICIENTLY AND AFFORDABLY WITH *AMD EPYC™ 4005 SERIES PROCESSORS PROCESSORS*

AMD EPYC 4005 Series processors power easy-to-use, low-cost servers designed for small businesses and dedicated hosting providers looking for advanced technology in energy-efficient and affordable systems to help them grow their businesses and leverage the AI era.

CONVERSATION ROADMAP

Engage your buyers in a clear, consistent and memorable way. Accelerate your buyer's decision confidence by sharing new perspectives, establishing yourself as a trusted partner and clarifying the case for taking action. Why AMD EPYC 4005 Series processors for small businesses?

THE ICEBREAKER

55% of SMBs plan to increase their tech spending in the next fiscal year, and 27% say they are "significantly accelerating technology investments" due to AI requirements.[1]

THE BREAKDOWN

Your customers should know that they are more likely to meet their business goals if they can acquire high-performing servers optimized specifically for growing businesses like theirs. Those servers should have low system acquisition and operating costs so a growing business can get the essential server solutions it needs without breaking the bank. Finally, the servers should be validated with leading business technology providers and on key server operating systems so they are simple to deploy and can scale easily for price-conscious buyers.

THE TURN

What if your customers could:

- Modernize their infrastructures to embrace innovative technologies without large budget increases?
- Improve the performance of their servers even as they save money, space and energy?
- Focus on ease of use as they upgrade, acquiring validated servers with x86 compatibility?
- Deploy hard-wired security features that would decrease their vulnerabilities and increase their peace of mind?

THE BREAKTHROUGH

They can, and you can show them how with AMD EPYC 4005 Series processors. Advancing efficiency and ease of use, AMD EPYC 4005 CPUs make it possible to optimize entry-level server workloads in a trusted and budget-friendly way.

KEY MESSAGES

AMD EPYC 4005 Series processors address the all-day, everyday processing needs of small businesses and dedicated hosted services.

Get high productivity in small business and dedicated hosting environments.

Your customers can take advantage of the established value of AMD EPYC processors for business-critical applications. Built on the powerful and efficient "Zen 5" core, AMD EPYC 4005 Series processors help your buyers achieve their unique business goals by powering highly performing servers ideal for growing businesses and dedicated hosting services. The AMD EPYC 4005 Series includes core counts ranging from 6 to 16 cores, plus memory and I/O options to suit growing compute needs.

Focus on affordability and efficiency.

Your customers can get practical performance and scalability for everyday SMB server needs. AMD EPYC 4005 Series processors get the job done at an economical price. Comparing 1P servers, a 16c AMD EPYC 4565P delivers 95% higher integer performance than an 8c Intel® Xeon® 6369P, doubling the cores at reduced processor cost. This results in a 98% increase in performance per estimated system dollar, 42% better performance per estimated system watt, and maximizes your 16C Microsoft Windows Server® license.[E4K-028]

Capitalize on ease of use.

AMD EPYC 4005 Series processors power turnkey, highly accessible, x86 compatible, energy efficient and manageable server solutions from top systems vendors. They are validated on key server operating systems, making them simple to deploy for cost-conscious organizations that require predictable lifecycle planning. That means SMBs can run their business software reliably on a single high-performance server that is easy to deploy out of the box.

Protect your data.

Your customers can gain peace of mind by defending their data against potential security attacks. AMD EPYC 4005 Series processors offer innovative hardware-based security features that have encryption and secure execution to help protect their data.[2] Deploy confidently with server-grade features like error correction code (ECC) memory and software RAID support. Show your customers how they can deploy confidently and help protect sensitive data from sophisticated attacks.

UNCOVERING OPPORTUNITIES

You can help your prospect be the catalyst that improves outcomes and drives breakthroughs by implementing low-cost servers that offer the performance, power management, security features and TCO benefits that small businesses need to succeed. Some questions to consider asking your prospect include:

- What does your business's server upgrade path currently look like?
- Do you feel constrained by cost as you consider various server options?
- Are you eager to embrace AI tools and technologies as you move forward?
- Given today's rising energy costs, how concerned are you about upgrading your infrastructure while simultaneously improving energy efficiency?

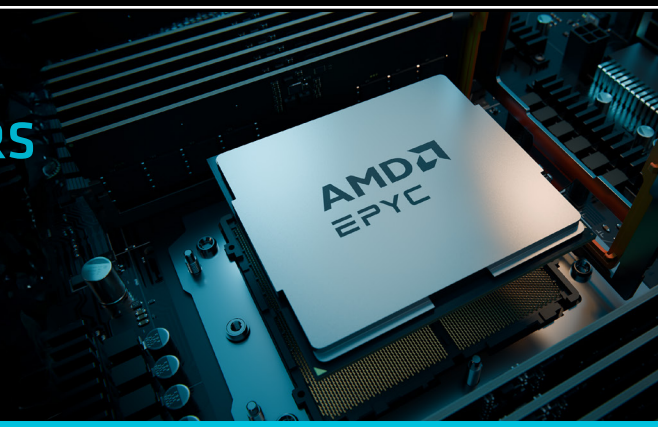
RESOURCES

AMD Partner Hub

AMD EPYC Processor Selector Tools

AMD EPYC 4005 Series Web Page

AMD EPYC™ 4005 SERIES PROCESSORS



AMD
together we advance_small business

Learn more at amd.com/epyc. Ready to connect? Contact an AMD Server Expert

1 SMB Group, "2025 Top 10 SMG Technology Trends," December 28, 2024, https://www.smb-gr.com/wp-content/uploads/2025/01/SMB_2025-Top-10-Technology-Trends_Report_Design_v1_28-12-2024.pdf

2 GD-183A AMD Infinity Guard features vary by EPYC™ processor generations and/or series. Infinity Guard security features must be enabled by server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support of these features. Learn more about Infinity Guard at https://www.amd.com/en/technologies/infinity-guard.

253193422-A May 2025