AMD EPYC

THINKING PROCESSOR CHIPS?
# THINK EPYC

HPE SERVERS
powered by AMD EPYC™

THE NEW KING IN TOWN

HPE SERVERS powered by AMD EPYC™ drive productivity and innovation with accelerated compute, memory and I/O technologies surrounded by security advancements, delivering better business outcomes for customers.

EPYC performance...

HPE SERVERS powered by AMD EPYC™ processors brings a new balance to data center by **alleviating memory bottle necks** as its architecture is balanced across the portfolio.
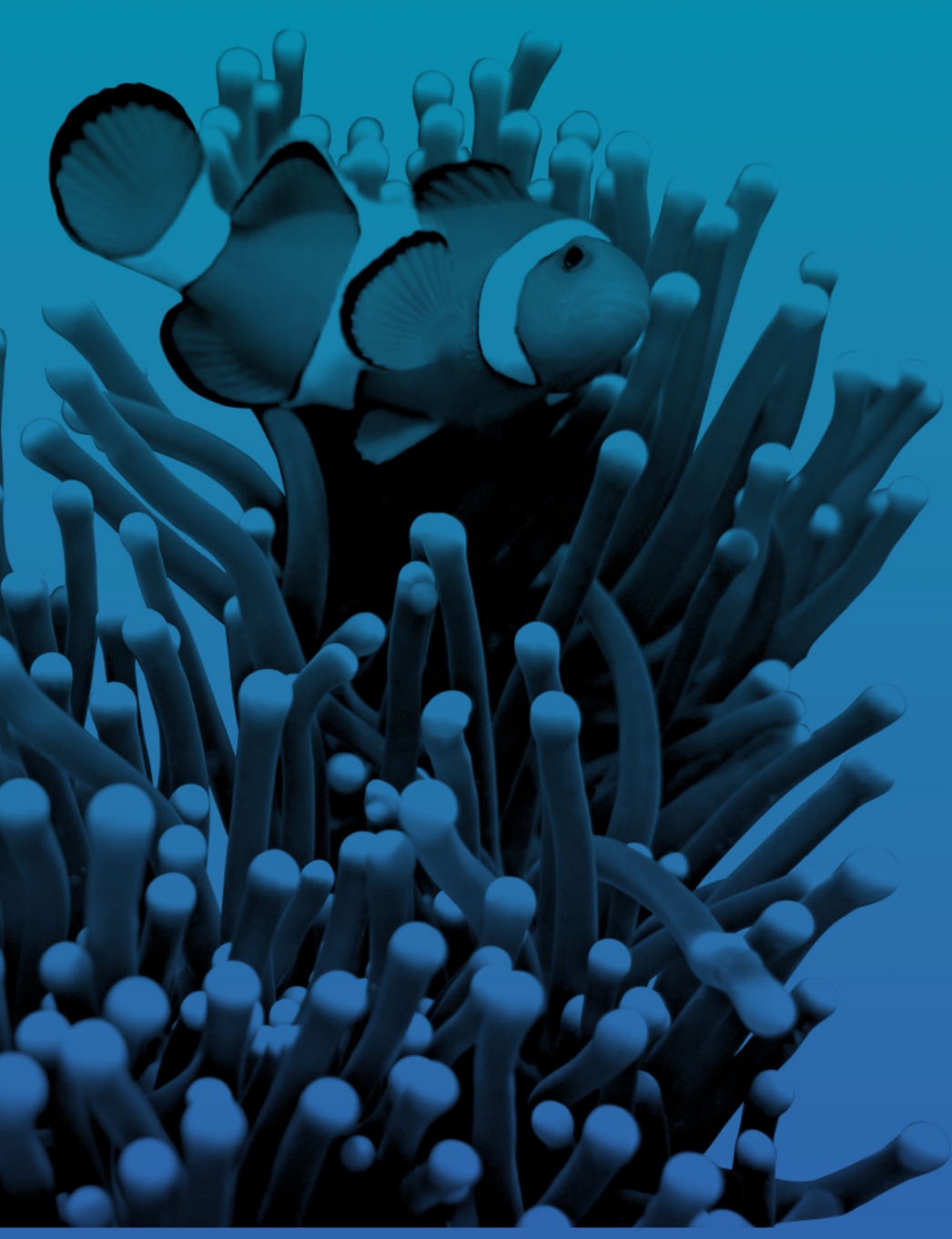
EPYC number of cores...

The highest core count in an x86-architecture server processor, **largest memory capacity per processor, most memory bandwidth**, and **greatest I/O density** are all brought together with the right ratios to help **HPE SERVER** performance reach new heights.

EPYC memory capacity...

HPE SERVERS powered by AMD EPYC™ are not only equipped with **64 cores**, but also have **128 threads per processor** for compute-intensive applications like data analytics, and up to 4TB memory and 410GB/s of theoretical Memory Bandwidth, to provide **fast access** and **processing** of data in memory.
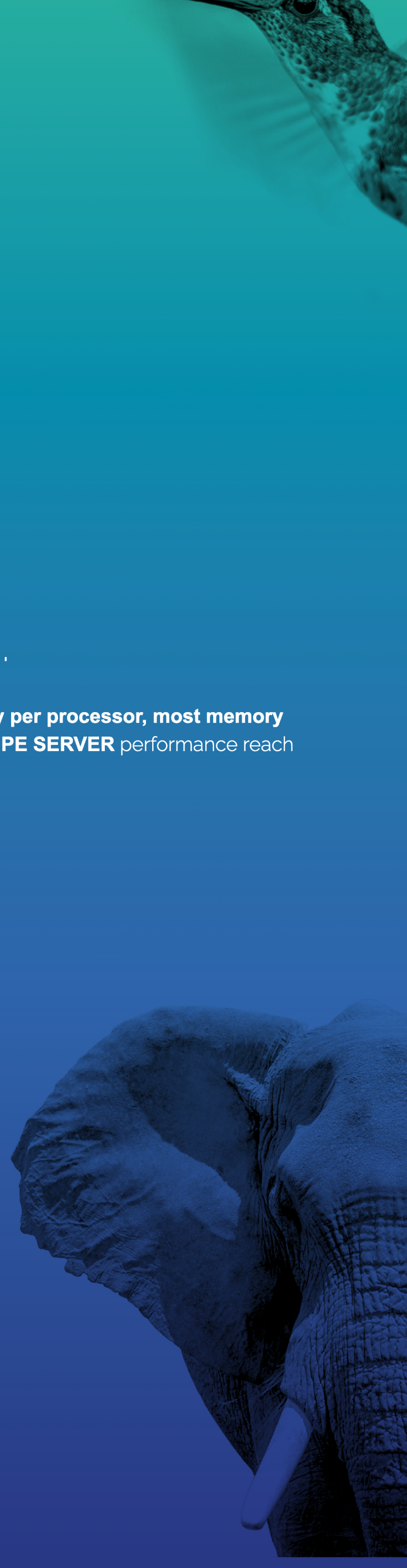
EPYC PCIe® lanes for disk and network I/O...

HPE SERVERS powered by AMD EPYC™ processors help customers **turbo charge their application performance, transform their data center operations** and help **secure their critical data**.

EPYC memory bandwidth...

Analyse larger data sets with **HPE SERVERS** powered by **AMD EPYC™** to deliver **best-in-class memory bandwidth** versus Intel® Xeon Scalable processors.

EPYC value...

HPE SERVERS offer best-in-class capabilities for customers who want to secure their infrastructure, while **reducing virtualisation** and **software licensing costs**. AMD EPYC™ powered servers offer the **best price/performance for virtualisation** in the market today helping reduce TCO for VMware environments.

HPE SERVERS powered by AMD EPYC™

See how **AMD EPYC™** compares

45% LOWER TCO COMPARED TO AN INTEL BASED SERVER

FEATURE	INTEL 2P SERVER INTEL 6254 Gold	HPE PROLIANT DL325 GEN10 AMD EPYC™ 7702P
32 VMs/CORES	27	64
# TO 8 SERVERS CHANNELS & PER SOCKET	6	8
96TB 128 PCIE™ LANES	27	128
MB PER 256GB (4TB) MAXIMUM MEMORY BANDWIDTH	190	410
12 VS 64 VMS/SERVER PER VM	27	64

Compares 3-year total cost of ownership for SDD virtual machines of 1 virtual machine per core with 8GB or 32MB per core with similar performance.

LEARN MORE

42.3% LOWER TCO COMPARED AN INTEL BASED SERVER

FEATURE	INTEL 2P SERVER INTEL 6254 Gold	HPE PROLIANT DL325 GEN10 AMD EPYC™ 7702P
32 VMs/CORES	20	64
# TO 8 SERVERS CHANNELS & PER SOCKET	12	48
96TB 128 PCIE™ LANES	27	128
MB PER 256GB (4TB) MAXIMUM MEMORY BANDWIDTH	160.837	328.440
12 VS 64 VMS/SERVER PER VM	24	64

High-end OS vs 2S comparison – up to 44% Lower 3-year TCO, excluding software costs

LEARN MORE

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Key TCO **OPPORTUNITIES** WITH **INGRAM**

Customer with dated AMD Opteron-based legacy ProLiant servers

Customer with x86 infrastructure, looking to reduce the costs associated with virtualisation

Customer who is running memory-intensive applications such as databases, analytics or HPC

Customer who has security concerns and mention regulation or compliance

LEARN MORE

LEVERAGE OPPORTUNITIES WITH **INGRAM**

With HPE server security offerings, you have a unique opportunity to add value, beat the competition and increase margin potential

Selling IT infrastructure that is not secure may impact future business

New business opportunity discounts available across portfolio (up to 10% for strategic Gen10 products)

LEARN MORE

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YOUR **HPE & AMD EPYC™** RESOURCE HUB

For more information on the **HPE AMD** platform.
FIND OUT MORE

AMD EPYC PROCESSOR TRAINING, INCLUDING 2ND GENERATION EPYC "ROME" PROCESSORS, IS NOW AVAILABLE ON THE AMD PARTNER HUB!

The current offering provides five modules, outlining AMD Technology Leadership, EPYC Naples and Rome offering and performance data and a final module on how AMD EPYC can help partners win business.

Module 1: AMD Heritage and Technology Leadership

Module 2: Data Center Challenges and EPYC Expectations, Leadership, Roadmap, and Performance
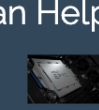
Module 3: New Features and Benefits of 2nd Gen AMD EPYC Processors

Module 4: Comparative Performance of 2nd Gen EPYC Processors

Module 5: How AMD EPYC Can Help You Win Business

AMD EPYC PROCESSOR TRAINING

TAKE COURSE

THE NEW KING IN TOWN

Want to know more or need help on how to effectively position and sell **HPE SERVERS** powered by **AMD EPYC™**?

CONTACT YOUR
INGRAM MICRO COUNTRY SPECIALIST

INGRAM