
Amd Epyc 7000 Series Server Processors Officially Launched

highlights amd epyc™ 7000 series processors: revolutionary ... - amd epyc™ 7000 series processors: revolutionary performance for the cloud era. the changing demands of the data center. data centers have rapidly evolved, with software innovation greatly surpassing the ability of hardware technology to efficiently support it. the internet of things, the cloud, and an ever increasing mobile **highlights amd epyc™ 7000 series processors: leading ...** - amd epyc™ 7000 series processors: leading performance for the cloud era the changing demands of the datacenter datacenters have rapidly evolved, with software innovation greatly surpassing the ability of hardware technology to efficiently support it. the internet of things, the cloud, and an ever increasing mobile **hpc. big data. convergence. performance-optimized** - amd epyc-based server optimized for cloud-era datacenters epycd8-2t epycd8 ·cloud and virtualization applications ·database processing & storage ·high-end enterprise server application 7000 epyc series 2666 ddr4 2666 10gbase-t 10g 8 dimms, ddr4 2666/ 2400/2133 r dimm/lr dimm amd single socket sp3 (lga 4094) 1 x satadom 2 x pcie x4 m.2 ... **amd epyc™ 7000 series processors - vstecs** - amd epyc™ 7000 series processors: leading performance for the cloud era digital transformation ... **an epyc beginning - ird** - density with epyc accelerating datacenter innovation project olympus open compute platform leadership 2p compute density with epyc accelerating datacenter ... amd 7000 series processors. 128 lanes pcie® model i/o 7601 epyc 7551 epyc 7501 epyc 7451 epyc 7401 epyc 7351 epyc 7301 epyc 7281 epyc 7251 base / boost freq. 2.2 / 3.2 ghz **technologies in the hpe proliant dl300 series amd servers** - rack-optimized server, powered by amd epyc™ 7000 series processors, and how these innovations will change your server experience with a new formula for virtualization and memory-centric workloads with unprecedented security. introduction **groundbreaking hpc price/performance: amd epyc solutions** - processor amd epyc™ 7000 series 16, 24 and 32-core processors processor sockets 1p, 2p ... microway's robust, amd epyc- based navion clusters offer high-speed infiniband interconnects, amd or nvidia gpus, mcms remote cluster management and monitoring tools or the openhpc software **high-performance cloud solutions—scaleway ... - amd** - amd technology at a glance amd epyc™ 7281 processor amd epyc™ 7401p processor alliances manager. amd + scaleway case study . powered by amd epyc 7000 series processors, scaleway offers its client base two new reliable, high performing solutions for demanding projects . high-performance cloud. solutions—scaleway delivers. with amd epyc ... **hpe cloudline cl3100 g3 server - hewlett packard enterprise** - the hpe cloudline cl3150 g4 is a new 1u 1p amd epyc dense fast storage server for cloud service providers that features the latest amd epyc 7000 series processors, choice 24nvme or 22nvme + 2 sata ssd hard drives. without any extras, this server is ideal for **cisco ucs c4200 series rack server chassis with ucs c125 ...** - with four nodes, the system can total up to eight cpus from the amd epyc 7000 series up to 180w tdp. memory the chassis supports two to four removable ucs c125 m5 nodes, each with two cpus. each cpu supports up to eight dimms. with four nodes, the system can have a total up to 64 dimms. **hpe cloudline cl3150 gen10 server** - the hpe cloudline cl3150 gen10 is a new 1u 1p amd epyc dense fast storage server for cloud service providers that features the latest amd epyc 7000 series processors, choice 24nvme or 22nvme + 2 sata ssd hard drives. without any extras, this server is ideal **processor amd epyc™ 7000-series memory 1tb ... - boxx** - system specifications processor single amd epyc™ 7000-series processor memory up to 1tb ddr4-2666mhz graphics up to three nvidia® quadro™/geforce® or amd® radeon™/radeon pro™ graphics cards hard drive options 2 x sata 3.5" 7200 rpm (up to 10tb each) **a+ servers - asbis** - processor dual amd epyc 7000 series soc (socket sp3) dual amd epyc 7000 series soc (socket sp3) single amd epyc 7000 series soc (socket sp3) chipset/system bus system on chip system on chip system on chip form factor proprietary 17" x 16.8" eatx 12" x 13.05" atx 12" x 9.6" memory capacity & slots up to 4tb ecc registered, **server board auriga - aicipc** - (single amd epyc™ 7000-series processor supported) 8 x ddr4 dimm slots (1 dimm/channel) pcie gen4/gen3 x16 slot (16 lanes of pcie gen4/gen3) ocp mezzanine v2.0 (16 lanes of pcie gen4/gen3) the auriga server board offers the latest amd epyc™ soc technology which can support the highest core count in an x86-architecture with epyc™ 7000-series **do more apache cassandra distributed database work with ...** - do more apache cassandra distributed database work with amd epyc 7601 processors ommssoned b december 017 do more apache cassandra distributed database work with amd epyc 7601 processors versus servers based on intel xeon processors e5-2699 v4 businesses that provide private cloud services with demanding **cisco ucs c4200 series rack server chassis data sheet** - amd epyc 7000 series processors, with up to 32 cores per socket up to 2 tb of dram using sixteen 128-gb ddr4 dimms for 2-socket cpu configuration (eight dimms/memory channels per cpu) over 45 tb of storage, with up to six small-form-factor (sff) 2.5-inch direct-attached drives per node **h11ssl-i/c/nc - supermicro** - built upon the functionality and capability of the epyc 7000 series processor, the h11ssl-i/c/nc motherboard provides superior graphics capability and system performance ... h11ssl motherboard series user's manual chapter 1 introduction congratulations on purchasing your computer motherboard from an industry leader. supermicro **amd naples - coursesysiclinois** - general information (1) highest-performance enterprise-level server based on zen branded as epyc 7000 series released in 20 june

2017 14nm process **hpc. big data. convergence. product guide** - new amd epyc tm 7000 series server solutions atx(12"x9.6") single socket sp3 (lga4094), supports amd epyc™ 7000 series processor family n/a eight channels, 8 dimms, ddr4 2666/2400 rdimm, and lrdimm 9 x sata3 6.0 gb/s (from 2x mini sas hd), 1 sata dom 4x pcie3.0x16, 3x pcie3.0x8 **hpe proliant dl385 gen10 server technologies technical ...** - hpe proliant dl385 gen10 server technologies using amd epyc 7000 series processors ... server, powered by amd epyc™ 7000 series processors, and how these innovations will change your server experience with a new formula for ... - amd epyc processors deliver 14% more cores, 33% more memory capacity and bandwidth, and 33% more i/o that ... **amd's epyc - micron** - amd's epyc™ architecture benefits storage-centric solutions . micron regularly evaluates new technologies and products to gain insight into their potential impact on storage in general and nonvolatile storage in particular. with trends like software-defined storage (sds), nvme express® (nvme™) ssds and **hpe proliant dl385 gen10 server digital data sheet** - leveraging the amd epyc 7000 series processor with up to 32 cores, 12 gb sas and 4.0 tb of hpe ddr4 smartmemory. supports up to three double wide or five single wide graphic processing units (gpus) for workload acceleration. proven industry leading services and ease of deployment hpe proliant dl385 gen10 server comes with a complete set of hpe ... **a a aa o o o owa-i iastructure - developerd** - features across the amd epyc™ 7000 series family more memory capacity6 { support more richly configured virtual machines { less paging latency { better user experience. { support larger in-memory databases, caches, and indexes more i/o {up to 128 lanes of pcie™ bandwidth **ultra bigtwin wio servers superserver building blocks ...** - 2 supermicro a+ server solutions - october 2018 as-1123us-tn10rt industry leading iops, energy efficiency and flexibility **ultra dual epyc™ 7000 series up to 4tb ddr4 memory in 32 dimm slots nvme/sas3 options 25gb/10gb/1gb ethernet options redundant titanium level power supplies system specifications - boxx** - system specifications processor amd® epyc™ 7000-series processors (up to 32 cores each) memory up to 1tb ddr4-2666mhz ecc reg graphics up to eight nvidia® quadro™, nvidia® tesla™, or amd® radeon pro™ professional graphics cards by utilizing pcie gen 3 switch **single & multi core performance of an erasure coding ...** - • amd epyc™ 7000 series processor family • 8-channel rdimm/lrdimm ddr4, 16 x dimms • 2 x sfp+ 10gb/s lan ports (broadcom® bcm 57810s) • 1 x dedicated management port • 4 x slimsas (for 16 x sata 6gb/s) ports • ultra-fast m.2 with pcie gen3 x4 interface • up to 4 x pcie gen3 x16 slots and 3 x pcie gen3 x8 slots **hpe, samsung and mellanox demonstrate outstanding ...** - the hpe cloudline c13150 gen10 server is a 1u 1p amd epyc, powered by amd epyc 7000 series processors, open standards-based, ultra-dense storage server. it is ideal for fast storage and real-time analytics, 3d modelling, fsi trading, rich media streaming, and e-commerce affinity advertising workloads. it supports up to 24 nvme ssds or 22 nvme ssds **news release - ird** - • tencent announced plans to use amd epyc™ 7000 series server processors in their datacenters. • atari disclosed that a customized amd processor featuring radeon™ graphics technology will power the upcoming ataribox game console, which is targeted for global launch in spring 2018. current outlook **supermicro announces full portfolio of a+ server solutions ...** - supermicro announces full portfolio of a+ server solutions optimized for new high-performance amd epyc™ processors dual and single socket solutions improve performance and tco advantages, supporting new amd epyc™ 7000 series processors with 32 "zen" cores and 64 threads **new hpe proliant dl325 gen10 single-socket server delivers ...** - amd epyc 7000 series processor advantages . the amd epyc system on chip (soc) delivers innovation to better support the needs of existing and future datacenter applications. whether deploying bare metal, virtualized, or cloud environments, the amd epyc soc powers it that is fast, responsive, and secure. **superlative servers: new starline zealbox family from ...** - series. the processors from the amd epyc 7000 family are installed in the sp3 socket and are always dual cpus. this results in a very high power density, as this combination sets standards in all respects: • 2 x amd epyc 7000 soc (system on chip) cpus with 32 processor cores each • 64 threads per cpu **hpe proliant dl385 gen10 server technologies technical ...** - server, powered by amd epyc™ 7000 series processors, and how these innovations will change your server experience with a new formula for virtualization and memory-centric workloads with unprecedented security. introduction the hpe proliant dl385 gen10 server (figure 1) is an extension of the world's most secure, industry standard servers. **1 dell emc poweredge | amd epyc - comptek** - amd epyc 7000 (naples): leadership feature-set outstanding performance drives business agility wide range of cores without sacrificing features 32 24, 16, 8 cores per socket largest i/o capacity 128 pcie gen 3 lanes in a single cpu industry leading memory bandwidth 8 memory channels per cpu richest **research for the greater good - bettshow** - amd technology at a glance amd epyc™ 7000 series-based 2-socket server solution with up to 64 cores . amd + hpe + university of notre dame case study . the center for research computing at the university of notre dame is leveraging amd epyc™ processor-based hpe proliant dl385 gen10 servers to help them quickly solve complex problems. **the next generation amd enterprise server product architecture** - the next generation amd enterprise server product architecture kevin lepak, gerry talbot, sean white, noah beck, sam naffziger presented by: kevin lepak | senior fellow, enterprise server architecture **(june 19th, 2017) - sqlskills** - (june 19th, 2017) if you know someone who would benefit from being an insider, feel free to forward this pdf to them so they can sign up here. quick tips for our insider friends! **1u rack mount server - ncs technologies, inc.** - lan, and pcie 3.0 technology. powered by amd's epyc™ 7000-series, the arn-72d1 makes it possible for cloud environments to drive greater scale and

performance. virtualized datacenters can further increase consolidation ratios while delivering better performing virtual machines and big data, and analytics environments can collect and **1u1s server/ storage platform - rackmountpro** - single socket sp3 supports (1) amd epyc™ 7000 series (naples) processor **meet the experts: this is epy™ - h50146.www5.hpe** - 11 | amd this is epyc! | september, 2018 amd epyc 7000 series processor product stack model number opn 2p/1p cores threads base freq (ghz) all cores boost freq (ghz) max. boost freq (ghz) l3 \$ (mb) ddr channels max ddr freq (1dpc) pcie tdp (w) 7601 ps7601bdvihaf 2p or 1p 32 64 2.20 2.70 3.20 64 8 2666 x128 180 7551 ps7551bdvihaf 2p or 1p **hpe cloudline cl3150 gen10 servers power high-performance ...** - for the amd epyc™ 7000 series processor, offering strong performance at a competitive price. these servers are powered by amd epyc processors that provide up to 32 cores, 64 threads and 8 memory channels per socket. these processors also provide 128 pcie 3.0 lanes, providing cloud environments with direct **bios it amd bigtwin** - supermicro's latest range of amd epyc™ 7000 series soc-based server and storage solutions, available from official launch partners bios it, offer new levels of optimised performance per watt per dollar, and deliver outstanding core density, superior memory bandwidth, and unparalleled i/o capacity. **improve the economics of big data solution brief** - amd epyc: powering the future of data hpe proliant dl325 gen10 servers are powered by amd epyc 7000 series processors. amd epyc transforms data center economics with a no-compromise single-socket solution that provides capabilities and performance previously available only in dual-socket architectures which translates to more performance **the nexserv arn-72x2 delivers the highest performance ...** - powered by amd's epyc™ 7000-series, the arn-72x2 makes it possible for cloud environments to drive greater scale and performance. virtualized datacenters can further increase consolidation ratios while delivering better performing virtual machines and big data, and analytics environments can collect and analyze larger data sets much faster.

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