QUOTE SHEET

Qualcomm Datacenter Technologies Announces Commercial Shipment of Qualcomm Centriq 2400 – The World's First 10nm Server Processor and Highest Performance Arm-based Server Processor Family Ever Designed

6WIND

"6WIND's pedigree is to help telco networking customers build high performance networks by combining our software with industry leading architectures," said Eric Carmès, founder and chief executive officer, 6WIND. "We are proud to integrate our software expertise with Qualcomm Datacenter Technologies' server architecture to deliver telco networking customers a new generation of choice for their requirements."

AMI

"We have observed with great confidence over recent years how Arm-based server platforms would continue to evolve and be adopted by the industry. AMI took steps early on to ensure that we would have a firm foothold in this space. Today, we are extremely proud of the fact that AMI is the only independent software vendor (ISV) that supports all major Arm64-based platforms with our UEFI and BMC solutions," said Subramonian Shankar, president, founder and chief executive officer, American Megatrends. "It has been a great honor to work with the well-respected Qualcomm Datacenter Technologies team in support of today's launch and we look forward to many more years of collaboration as we meet the needs of our OXM and hyperscale datacenter customers."

Arm

"The center of gravity of compute is moving from a centralized model to an edge with trillions of intelligent Arm-powered devices and an Arm-based infrastructure that unlocks their combined potential" said Drew Henry, senior vice president and general manager, infrastructure line of business, Arm. "The Qualcomm Centriq 2400, based on the Arm architecture, is a remarkably powerful platform, enabling compute-hungry customers to run the most critical datacenter workloads needed to deliver the promise of the edge."

Cadence

"Companies building innovative electronics products are seeing that EDA workloads can account for 70% of their datacenter compute," said Dr. Anirudh Devgan, executive vice president and general manager, digital and signoff group and system and verification group, Cadence. "Cadence has been working closely with Arm and Qualcomm Datacenter Technologies and we are pleased to provide the Cadence Xcelium parallel logic simulation technology for multi-core compute running on Qualcomm Centriq 2400 server processors."

Canonical

"What we are announcing today is the full complement of Ubuntu and Canonical products on Qualcomm Centriq 2400 -- Ubuntu, Canonical OpenStack, Kubernetes and Canonical's broad range of operating tools - MaaS (Metal-as-a-Service), LXD, and Juju which deliver applications to the infrastructure," said Mark Shuttleworth, chief executive officer and founder, Canonical and Ubuntu. "Qualcomm Centriq 2400 will create a new class of infrastructure that is a bridge between the cloud and the enormous world of mobile applications in your pocket. I am excited

about Qualcomm Centriq 2400's ability to create new ecosystems and to enter into well understood industries with Ubuntu."

CloudFlare

"At Cloudflare, we're focused on helping build a better Internet, and to do that, we need our datacenters to be efficient," said Matthew Prince, co-founder and chief executive officer, Cloudflare. "While testing Qualcomm Centriq 2400, we found it to be twice as power efficient as the Intel Skylake 4116 processors. Qualcomm Centriq 2400 is a promising solution and we look forward to the ecosystem developing."

Excelero

"New storage architectures like Excelero's NVMesh demand innovative server platforms such as the Qualcomm Centriq 2400 to deliver on the promise of high performance and low cost of ownership in web-scale implementations," said Lior Gal, chief executive officer and co-founder, Excelero. "We're delighted to work with Qualcomm Datacenter Technologies to deliver a unique offering to this high-growth space as we help data centers embrace newer, more powerful platforms."

IDT

"IDT is working closely with key ecosystem suppliers like Qualcomm Datacenter Technologies to deliver optimized solutions for the next generation of cloud service offerings such as machine learning and real-time analytics," said Sean Fan, senior vice president and general manager, computing and communications group, IDT. "Our memory interface solutions running on the

Qualcomm Centriq 2400 enable flexible, scalable and composable memory footprints that differentiate customer systems and lower total costs of ownership."

Linaro

"Linaro is delighted to support the release of the Qualcomm Centriq 2400 processor with firmware, upstream kernel, datacenter, cloud and HPC services available in the award-winning open source Enterprise Reference Platform (ERP)," said George Grey, chief executive officer, Linaro. "Linaro and Qualcomm Datacenter Technologies have been working closely together to ensure open source support for enterprise-class SoCs in multiple upstream projects. We have already deployed Qualcomm Centriq 2400-based servers in the Linaro Developer Cloud using the ERP software."

LinkedIn

"We are excited about Qualcomm Datacenter Technologies' entrance into the Arm-based server processor space," said Yuval Bachar, president of Open19 Foundation and principal engineer of data center architecture, LinkedIn. "The Qualcomm Centriq 2400 demonstrates competitive performance-per-watt and performance-per-dollar. Qualcomm Centriq 2400 is also uniquely suited for containerized workloads, which are key to modern data center resources optimization across the industry"

MariaDB

"The rapid change happening in the datacenter is creating new standards for low power design with high density," said Roger Bodamer, chief product officer, MariaDB Corporation.

"Qualcomm Datacenter Technologies' work to bridge its mobile innovation with the datacenter is exciting and will accelerate new use cases. We are proud to work with Qualcomm Datacenter Technologies to bring record database performance, based on internal testing, the using Arm-based Qualcomm Centriq 2400 processors with MariaDB."

Netronome

"The Qualcomm Centriq 2400 server processor is a breakthrough in Arm CPU development," said Niel Viljoen, chief executive officer and founder, Netronome. "By combining the application processing power of the Qualcomm Centriq 2400 server processor with the networking acceleration and offloads of the Agilio SmartNICs and software from Netronome, cloud and Telco operators can build server infrastructures that deliver industry-leading performance, scalability, security and efficiency."

Packet

"In the fast-evolving silicon marketplace, the Qualcomm Centriq 2400 from Qualcomm Datacenter Technologies, stands apart with 48 custom cores and the backing of one of the most innovative companies in the world," said Jacob Smith, senior vice president of engagement, Packet. "We're looking forward to helping users access this exciting system."

Red Hat

"Red Hat is pleased to join forces with Qualcomm Datacenter Technologies and Hewlett Packard Enterprise to deliver a complete, open source, 64-bit Arm server stack running on the Qualcomm Centriq 2400 server processor and built on top of Red Hat Enterprise Linux, and to extend that

collaboration to upstream open source projects, including OpenStack, containers, Ceph, and performance-accelerated virtualization," said Tim Burke, vice president, Linux engineering, Red Hat. "The vision for this collaboration is to enable our mutual customers to use the Red Hat Enterprise Linux ecosystem in a consistent and familiar experience across hardware architectures."

ScyllaDB

"Our collaboration on the Qualcomm Centriq 2400 server processor has brought our powerful Scylla NoSQL database to a purpose-built high-performance processor that offers developers and customers alike an exceptional performance point for demanding applications without compromising availability, scalability, and total cost of ownership," said Dor Laor, chief executive officer, ScyllaDB. "The combination of Qualcomm Datacenter Technologies' novel architecture and Scylla's shared-nothing approach enable applications to scale up with the number of cores, driving significant improvements to performance, power and cost."

SolarFlare

"Solarflare complements new, efficient Arm-based server processors with innovative Ethernet networking designed specifically for scale-out cloud environments," said Russell Stern, chief executive officer, Solarflare Communications. "Running on the highly efficient Qualcomm Centriq 2400 server processor, the high powered Solarflare NIC platform and shrink-wrapped fabric services, combine to provide IT organizations with the unique ability to deploy micro segmented networking services across a data center using standard NICs."

SUSE

"SUSE is pleased to collaborate with Qualcomm Datacenter Technologies in bringing the revolutionary Qualcomm Centriq 2400 server platform to the data center," said Gerald Pfeifer, vice president, products and technology programs, SUSE. "From the start, Qualcomm Datacenter Technologies has had their own IT department doing in-house testing of early versions of this server with SUSE Linux Enterprise Server for Arm-based servers. This real-world testing has helped ensure that the Qualcomm Centriq 2400 solution is ready for enterprise cloud deployments."

Synopsis

"Synopsys VCS leads the simulation market segment and has been the simulation performance leader for more than 20 years," Manoj Gandhi, general manager of verification group, Synopsys. "VCS natively incorporates the fine-grained parallelism technology to maximize performance on the newer multi-core processors. Synopsys and Qualcomm Datacenter Technologies have a longstanding verification collaboration. We look forward to supporting the Qualcomm Centriq 2400 server processor with VCS fine-grained parallelism to deliver the next level of simulation performance."

Xilinx

"We have collaborated with Qualcomm Datacenter Technologies for years on meeting the needs of the new era of accelerated heterogeneous computing," said Manish Muthal, vice president, data center business, Xilinx. "Qualcomm Datacenter Technologies has been focused on developing power efficient server processor solutions. The combination of the Qualcomm

Centriq 2400 server processor and Xilinx's UltraScale+ FPGA acceleration provide an even

greater level of power efficiency."