

## Fujitsu Introduces New Mission Critical x86 PRIMEQUEST Servers

### News facts:

- Fujitsu's most-reliable x86 servers are perfectly suited for highly-demanding, mission-critical deployments where unplanned downtime is not an option

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**June 10, 2016** – Mission critical models are at the forefront of an all-new x86 server line-up from Fujitsu. New FUJITSU Server PRIMEQUEST models provide the highest-ever levels of performance and stability from industry standard servers, targeting demanding enterprise computing environments that have all but eliminated unplanned downtime.

The new-generation [FUJITSU Server PRIMEQUEST line-up](#) has been updated with the latest Intel® Xeon® processor E7-8800/4800 v4 product family, reaching unprecedented levels of performance from x86-based servers, as proven by several benchmarks in general and technical computing as well as business processing<sup>1</sup>. With the latest enhancements, customers can now be more confident than ever in their choice of mission-critical computing technology based on truly open standards as a viable alternative to UNIX-based systems, in terms of system performance, reliability and security.

Fujitsu's top-of-the-range x86-based servers are designed to provide a new path for customers currently running highly-demanding environments on UNIX based systems, such as SAP ERP systems, and Oracle databases. What's more is that PRIMEQUEST is certified for SAP's in-memory database, SAP HANA®.

Michael Keegan, SVP and Head of Product Business EMEA at Fujitsu, comments: "We are building servers that customers can bet their business on. The new-generation of PRIMEQUEST servers are the highest performance x86 servers ever produced by Fujitsu – underlining their position as the bedrock on which organizations can build their digitally transformed business. Thanks to a combination of fantastic performance and lower than ever operating costs, we are seeing more and more customers modernizing their UNIX-based systems, underlining the compelling business reasons to choose PRIMEQUEST x86 servers."

By choosing PRIMEQUEST, enterprises can gain new levels of x86-based performance with the twofold economic benefits of both lower hardware costs and reduced energy consumption than with systems based on proprietary architectures. This is because PRIMEQUEST delivers mission-critical capabilities such as hot pluggable I/O units, Physical Partitioning and Dynamic Reconfiguration.

As end user demand for data center infrastructure performance and capacity continues to increase, Fujitsu is enabling scale-up with the new PRIMEQUEST 2000 series third generation servers. New models, available to order immediately, feature more processor cores and more last level cache than their predecessors. This means PRIMEQUEST is also ideally suited to mission-critical applications such as in-memory applications – where

results can be processed faster, helping accelerate business velocity, as well as crucial real-time compute operations where unplanned system downtime can be deadly and expensive, such as running billing applications for telecommunications providers.

Fujitsu is introducing its fastest and most robust x86-based models just as the market reaches the tipping point where x86-based architecture is poised to climb past 50 percent of overall server sales, according to the latest predictions in the Gartner Forecast: Servers, All Countries, 2013-2020, 1Q16 Update – published on April 8, 2016 by Gartner. Furthermore, research by Veeam<sup>2</sup> confirms that mission-critical workloads are accounting for an ever-rising share of data center infrastructure workloads, underlining the need for robust, hardened x86-based systems.

### Pricing and availability

FUJITSU Server PRIMEQUEST systems are available directly from Fujitsu and via distribution partners. Prices vary by region, model and configuration.

### Notes to the Editor

<sup>1</sup> Benchmark results in detail:

**SPECfp\_rate\_base2006**, measuring **Technical Computing Throughput in a 2-socket x86 system configuration** – test configuration: **FUJITSU Server PRIMEQUEST 2800E3** with two Intel® Xeon® processor E7-8890 v4, 256 (16x16 GB) GB memory, running SUSE Linux Enterprise Server 12 SP1, C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; Fortran: Version 16.0.0.101 of Intel Fortran Studio XE for Linux. Hyper-Threading on. **Scores: SPECfp\_rate\_base2006 = 1180, SPECfp\_rate2006 = 1210.** Source: <https://www.spec.org/cpu2006/results/res2016q2/cpu2006-20160513-41183.pdf>.

**SPECfp\_rate\_base2006**, measuring **Technical Computing Throughput in a 8-socket x86 system configuration** – test configuration: **FUJITSU Server PRIMEQUEST 2800E3** with eight Intel® Xeon® processor E7-8890 v4, 2 TB (128x16 GB) memory, running SUSE Linux Enterprise Server 12 SP1, C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux; Fortran: Version 16.0.0.101 of Intel Fortran Studio XE for Linux. **Scores: SPECfp\_rate\_base2006 = 4410, SPECfp\_rate2006 = 4490.** Source: <https://www.spec.org/cpu2006/results/res2016q2/cpu2006-20160513-41185.pdf>

**SPECint\_rate\_base2006**, measuring **server throughput** – test configuration: **FUJITSU Server PRIMEQUEST 2800E3** with eight Intel® Xeon® processor E7-8890 v4, 1 TB (64x16GB) memory, running SUSE Linux Enterprise Server 12, C/C++: Version 16.0.0.101 of Intel C++ Studio XE for Linux. Hyper-Threading on. **Score: SPECint\_rate\_base2006 = 6930, SPECint\_rate2006 = 7200.** Source: <https://www.spec.org/cpu2006/results/res2016q2/cpu2006-20160513-41207.pdf>

Competitive SPEC® benchmark results stated in this press release reflect results published as of June 6, 2016. For the latest SPEC® benchmark results, visit the result pages for the different benchmarks on <http://www.spec.org> or <http://www.fujitsu.com/fts/products/computing/servers/primergy/benchmarks/>

**SAP SD 2-tier: 74000 Users, 404200 SAPS**, measured on **FUJITSU Server PRIMEQUEST 2800E3**, eight Intel® Xeon® E7-8890 v4 (192 cores / 384 threads), 2048 GB, SAP enhancement package 5 for SAP ERP 6.0, Windows Server 2012 R2, SQL Server 2012 .

The SAP Sales and Distribution (SD) Standard Application Benchmark performed by Fujitsu in Paderborn, Germany, was certified by SAP on behalf of the SAP Benchmark Council. Certificate number: 2016023

Further information can be found at [www.sap.com/benchmark](http://www.sap.com/benchmark)

All benchmark results as of June 6, 2016.

Information on benchmark records based on the Intel® Xeon® processor E7-8800/4800 v4 product family can be found at:  
[www.intel.com/E7v4records](http://www.intel.com/E7v4records)

<sup>2</sup> Proportion of mission-critical workloads, Veeam Data Center Availability Report, P. 10, 2014

#### Online resources

- Learn more about the PRIMERGY family: [www.fujitsu.com/PRIMERGY](http://www.fujitsu.com/PRIMERGY)
- Healthcare? Manufacturing? Education? Whatever, PRIMERGY serves your business best!
- Read the Fujitsu blog: <http://blog.ts.fujitsu.com>
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- Fujitsu pictures and media server: <http://mediaportal.ts.fujitsu.com/pages/portal.php>
- For regular news updates, bookmark the Fujitsu newsroom: <http://ts.fujitsu.com/ps2/nr/index.aspx>

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#### About Fujitsu

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