



Intel® Select Solution for SAP HANA

Intel® Select Solution for SAP HANA (based on PRIMEFLEX for SAP HANA)

Intel® Select Solutions for SAP HANA Business Operations based on our successful PRIMEFLEX for SAP HANA integrated solutions are fully certified for SAP HANA operations and have proven its performance in certified SAP HANA BW/4HANA benchmarks. With Intel Select Solutions for SAP HANA the newest Intel® Optane™ Data Center Persistent Memory Modules (DCPMM) are tested and supported for highest demands of customers concerning speed and scalability. FUJITSU Server PRIMERGY Configurations for Intel Select Solutions are hardware and software stacks optimized for specific workloads. Intel and Fujitsu tune the configurations using Intel® Xeon® Scalable processors and Intel® technologies to help ensure enterprises receive their needed performance.

System-level benchmark and verification

Our Solution is based on the FUJITSU Server PRIMERGY RX4770 M5, the PRIMEFLEX for SAP HANA integrated solution and the Intel Select Solution specifications. The performance results of the solution have been verified by Intel.



Intel® Select Solution for SAP HANA Base Reference Architecture - 1 Node

PLATFORM		Quad-socket server platform, FUJITSU Server PRIMERGY RX4770 M5		
PROCESSOR		4 x Intel® Xeon® Platinum 8260M* or 8276M or 8280M processors or 4 x Intel® Xeon® Gold 6238M* or 6240M* processors		
MEMORY		4.5 TB (Ratio 1:2) 24 x 128GB Intel® Optane™ DC Persistent Memory => 3072GB + 24 x 64GB 4Rx4 DDR4-2933 LR ECC => 1536 GB	6.0 TB (Ratio 1:1) 24 x 128GB Intel® Optane™ DC Persistent Memory => 3072GB + 24 x 128GB 4Rx4 DDR4-2933 LR ECC => 3072GB	7.5 TB (Ratio 1:4) 24 x 256GB Intel® Optane™ DC Persistent Memory => 6144GB + 24 x 64GB 4Rx4 DDR4-2933 LR ECC => 1536 GB
STORAGE	BOOT drive	2* SSD SATA 6G 240GB M.2 (mirrored)		
	HANA data & log, incl. hot spare	Internal disks or ETERNUS JX40 S2 (JBOD) - 16* TLC SSD 1.6TB (3DWPDP)	ETERNUS JX40 S2 (JBOD) 20* TLC SSD 1.6TB (3DWPDP)	ETERNUS JX40 S2 (JBOD) 16* TLC SSD 3.2TB (3DWPDP)
NETWORK		IOInboard High Performance Chip Intel LBG4 with flexible LAN connections (2*10GB / 4*1GB) optional: 2* 100 Gbit Ethernet Adapters (e.g. used in Scale-Out)		
SOFTWARE		OS (minimum or higher): SLES4SAP 12 SP4 or RHEL4SAP 7.6 SAP HANA 2.0 SPS 03 or higher Firmware/Software optimizations as described in SAP HANA manuals and recommended by SAP / Intel		