



SPECCPU Benchmark Report

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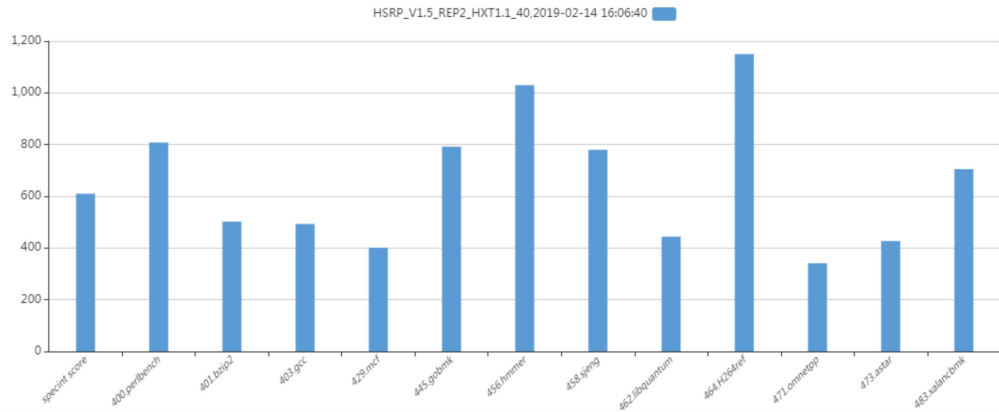
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1. Benchmark Data

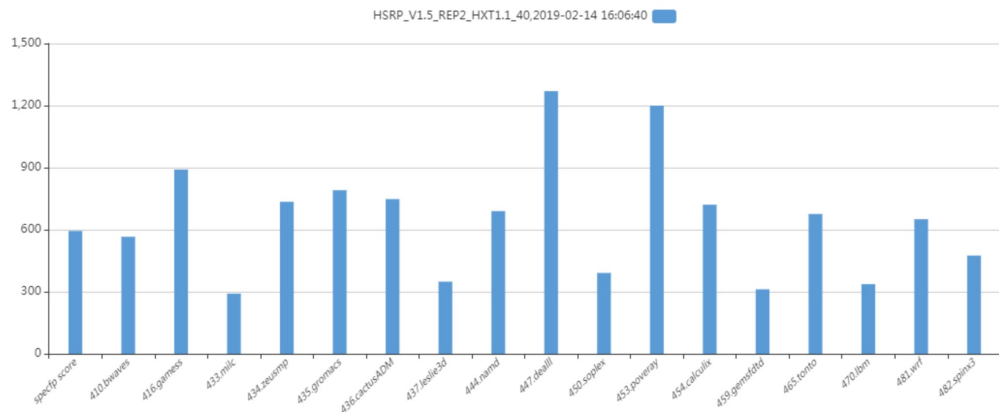
Items		HSRP_V1.5_REP2_HXT1.1_40 2019-02-14 16:06:40
int	specint score	610
	400.perlbench	808
	401.bzip2	502
	403.gcc	493
	429.mcf	401
	445.gobmk	792
	456.hmmer	1030
	458.sjeng	780
	462.libquantum	444
	464.H264ref	1150
	471.omnetpp	341
	473.astar	427
fp	483.xalanbmk	705
	specfp score	594
	410.bwaves	566
	416.gamess	891
	433.milc	291
	434.zeusmp	735
	435.gromacs	791
	436.cactusADM	748
	437.lelie3d	349
	444.namd	690
	447.dealll	1270
	450.soplex	391
	453.poveray	1200
	454.calculix	721
	459.gemsfdd	312
	465.tonto	676
	470.lbm	337
	481.wrf	651
	482.spinx3	475

2. Benchmark Chart

int



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3. SOC Configuration

NAME	HSRP_V1.5_REP2_HXT1.1_40 2019-02-14 16:06:40
CPU_Type	HXT1.1
Total_Socket	1
Cores_Per_Socket	40
Threads_Per_Core	1
Total_Threads	40
Cpu_Frequency	2600.00
Cpu_Max_Frequency	
Cpu_Min_Frequency	
L1_Cache_Size	32K/64K
L2_Cache_Size	512K
L3_Cache_Size	61440K

4. Hardware Configuration

NAME	HSRP_V1.5_REP2_HXT1.1_40 2019-02-14 16:06:40
Platform	REP2
Memory_Total_Size	192G
Total_Memory	6
Memory_Speed	2666MHz
Memory_Configured_Clock	1333MHz
NIC_Info	enP3p1s0 speed: 100G driver: mlx5_core vendor: Mellanox bus: 0003:01:00:0
Disk_Info	sdb size: 480G type: SSD interface: SATA io_scheduler: noop vendor: samsung nvme0n1 size: 900G type: SSD interface: NVMe io_scheduler: noop vendor: toshiba
PCIe_Info	0000:00:00:0 PCI bridge: Qualcomm Datacenter Technologies QDF2400 PCI Express Root Port 0000:01:00:0 Serial Attached SCSI controller: Adaptec Device 028f (rev 01) 0001:00:00:0 PCI bridge: Qualcomm Datacenter Technologies QDF2400 PCI Express Root Port 0002:00:00:0 PCI bridge: Qualcomm Datacenter Technologies QDF2400 PCI Express Root Port 0002:01:00:0 PCI bridge: ASPEED Technology, Inc. AST1150 PCI-to-PCI Bridge (rev 04) 0002:02:00:0 VGA compatible controller: ASPEED Technology, Inc. ASPEED Graphics Family (rev 41) 0003:00:00:0 PCI bridge: Qualcomm Datacenter Technologies QDF2400 PCI Express Root Port 0003:01:00:0 Ethernet controller: Mellanox Technologies MT27800 Family [ConnectX-5]

5. Software Configuration

NAME	HSRP_V1.5_REP2_HXT1.1_40 2019-02-14 16:06:40
OS	Centos7.5
Linux_Kernel	4.14.81-1
BIOS	0ACJA565 12/17/2018
GCC	4.8.5_20150623
GLIBC	2.17-222.el7
JDK	openjdk_1.8.0.191
SPEC_CPU	2006
SPEC_JBB	2015
Lmbench	
Iperf	3
FIO	3.3

6. System Setting

NAME	HSRP_V1.5_REP2_HXT1.1_40 2019-02-14 16:06:40
Cpu_Available_Governor	conservative ondemand userspace powersave performance schedutil
Cpu_Current_Governor	conservative
Irq_Balance_Status	active
Tuned_Profile	balanced
Firewall_Status	inactive
Auditd_Status	inactive