SPEC SERT 2 Suite
Platform Acceptance Certificate

ISO / IEC 21836:2020 Ver. E

2024-05-12

Client Configuration Reference NVIDIA_Aarch64_OJDK17_1

Platform Aarch64 -- RHEL 9.3 -- OpenJDK 17.0.2

Platform Owner Ashwin Chintaluri -- NVIDIA

Acceptance Scope CPU

CPU Architecture Aarch64
CPU Architecture Class Arm9 Neoverse v2
CPU Model(s) NVIDIA Grace
3100MHz
OS RHEL 9.3

JVM OpenJDK 17.0.2

Memory Memory Size: 480GB
DIMMs per Channel: 1, DIMMs per Socket: 1
NVIDIA Grace -- Minimum supported Memory size: 120 GB
NVIDIA Grace -- Maximum supported Memory Size: 960 GB

Storage HDD Quantity: 0, NVMe Quantity: 3, SSD Quantity: 0

SERTv2 2.0.8_RC1

Reference(s) 0

0

NOTE: Some details may be obfuscated for pre-release hardware, data behind this Platform Acceptance is available from SPEC upon request -- e-mail sertsupport@spec.org

ISO / IEC 21836 Requirement	System: Configuration Summary	Pass / Fail
9.3.5.4.2.2, Validity & Variance	NVIDIA Grace : NVIDIA Grace -- 480GB @ 4.2GT/s -- 1x Samsung M.2 960GB, 2x Intel E1.S 3.8TB	Pass
9.3.5.4.2.3, CPU socket test	NVIDIA Grace : NVIDIA Grace -- 480GB @ 4.2GT/s -- 1x Samsung M.2 960GB, 2x Intel E1.S 3.8TB	Pass
9.3.5.4.2.4, CPU frequency test	: -- GB @ 0GT/s -- ,	N/A
9.3.5.4.2.5, CPU core count test	: -- GB @ 0GT/s -- ,	N/A
9.3.5.4.2.6, Memory size test	NVIDIA Grace : NVIDIA Grace -- 480GB @ 4.2GT/s -- Samsung M.2 960GB, Samsung M.2 960GB	Pass
9.3.5.4.2.7, Memory frequency test	NVIDIA Grace : NVIDIA Grace -- 480GB @ 4.2GT/s -- Samsung M.2 960GB, Samsung M.2 960GB	Pass
9.3.5.4.2.8, Storage quantity test	NVIDIA Grace : NVIDIA Grace -- 480GB @ 4.2GT/s -- 1x Samsung M.2 960GB, 1x Intel E1.S 3.8TB	Pass
9.3.5.4.2.9, Storage technology test	NVIDIA Grace : NVIDIA Grace -- 480GB @ 4.2GT/s -- 1x Samsung M.2 960GB, 2x Intel E1.S 3.8TB	Pass