

SPEC SERT 2 Suite
Platform Acceptance Certificate



ISO / IEC 21836:2020 Ver. E

2024-11-06

Client Configuration Reference Ampere_AmpereOneX_RHEL9_OJDK17

Platform Ampere AmpereOne -- RHEL 9.x -- OpenJDK17

Platform Owner Patrick Galizia -- Ampere Computing, LLC

Acceptance Scope CPU

CPU Architecture Ampere AmpereOne
CPU Architecture Class ARMv8.6+
CPU Model(s) AmpereOneX
3.2
OS RHEL 9.x

JVM OpenJDK17

Memory Memory Size: 4096GB
DIMMs per Channel: 2, DIMMs per Socket: 16
Ampere AmpereOneX -- Minimum supported Memory size: 16 GB
Ampere AmpereOneX -- Maximum supported Memory Size: 8192 GB

Storage HDD Quantity: 0, NVMe Quantity: 0, SSD Quantity: 2

SERTv2 SERT-2.0.8

Reference(s) Ampere AmpereOneX

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	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.3, CPU socket test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.4, CPU frequency test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.5, CPU core count test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.6, Memory size test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.7, Memory frequency test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.8, Storage quantity test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass
9.3.5.4.2.9, Storage technology test	Ampere AmpereOneX: AmpereOneX -- 4096GB @ 4.4GT/s -- Samsung 960GB PCIe SSD, Samsung 960GB PCIe SSD	Pass