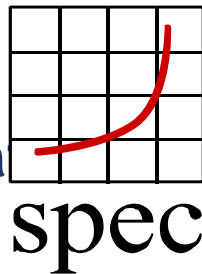


SPEC SERT 2 Suite  
Platform Acceptance Certificate



ISO / IEC 21836

2020-03-13

**Platform** Intel Xeon Processor D-1XXX -- Windows Server 2012 R2 Datacenter (6.3.9600) -- HS 1.8.0\_241-b07

**Platform Owner** Michael Rylee -- Intel Corporation

**Acceptance Scope** Entire architecture

**Processor (s)**

Intel Xeon Processor D-1541 (2.10GHz - 8 Cores)

**OS** Windows Server 2012 R2 Datacenter (6.3.9600)

**JVM** HS 1.8.0\_241-b07

**Memory** DIMM Size: 16GB

64GB (4 x 16GB) Hynix Semiconductor - HMA82GS7MFR8N-TF

DIMMs per Channel = 2, DIMMs per Socket = 4

Minimum Memory size supported = 4 \* 2 \* 8GB = **64GB**

Server: NEC DA20a-X, Maximum Memory Size supported: 128GB

**Storage** 1 x Intel SSDSCKKB960G8

**SERTv2** 2.0.3 (# warmup Intervals: default --- client-configuration.xml: default)

**Reference (s)** <https://ark.intel.com/content/www/us/en/ark/products/91199/intel-xeon-processor-d-1541-12m-cache-2-10-ghz.html>

| ISO/IEC 21836 Requirement        | System                                                                                                                                                                                                                     | Pass / Fail |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 9.3.4.4.2.2, Validity & Variance | Intel Xeon Processor D-1541 (2.10GHz - 8 Cores) -- 64GB @ 2.133GT/s -- 796GB Intel SSDSCKKB960G8 , 97.6GB Intel SSDSCKKB960G8                                                                                              | Pass        |
| 9.3.4.4.2.3 CPU socket           | BL870 (4x9760 (2.66GHz - 8 cores) - 768GB (48*16GB)) + 1 OS and 1 HDD<br>RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 1 HDD                                                                            | Pass        |
| 9.3.4.4.2.4 CPU frequency        | RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 1 HDD<br>RX2800 (2x9740 (2.13GHz - 8 Cores) - 384GB (24*16GB)) + 1 OS and 1 HDD                                                                           | Pass        |
| 9.3.4.4.2.5 CPU core count       | RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 1 HDD<br>RX2800 (2x9750 (2.53GHz - 4 Cores) - 384GB (24*16GB)) + 1 OS and 1 HDD                                                                           | Pass        |
| 9.3.4.4.2.6 Memory size test     | RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 1 HDD<br>RX2800 (2x9760 (2.66GHz - 8 cores) - 64GB ( 8* 8GB)) + 1 OS and 1 HDD                                                                            | Pass        |
| 9.3.4.4.2.7 Memory frequency     | RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 1 HDD                                                                                                                                                     | Pass        |
| 9.3.4.4.2.8 Storage quantity     | RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 1 HDD<br>RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 3 HDD<br>RX2800 (2x9760 (2.66GHz - 8 cores) - 384GB (24*16GB)) + 1 OS and 7 HDD | Pass        |
| 9.3.4.4.2.9 Storage technology   | RX2800 (2x9760 (2.66GHz - 8 cores) - 64GB ( 8* 8GB)) + 1 OS and 1 HDD<br>RX2800 (2x9760 (2.66GHz - 8 cores) - 64GB ( 8* 8GB)) + 1 OS and 1 SDD                                                                             | Pass        |