

Spectra2 SE2 Host Server & Configuration Recommendations

Spectra2 SE2 Entry Level, Work Group Test Systems.

Note: These servers can be used for Full Capacity Test Systems where high load testing is for signaling only.

1. **Dell R740XD (or similar COTS server)** configured with:
 - Two Intel Xeon E5-2660 v3 or v4 2.6GHz or better processors
 - Two 300GB 10K RPM SAS, 3.5in hard-drives
 - 128GB RDIMM, 2400 MT/s, single rank memory
 - Windows or Linux OS
2. **HP Proliant 380 Gen9 Server (or similar COTS server)** configured with:
 - Two Intel Xeon E5-2660 v3 or v4 2.6GHz or better processors;
 - Two 300GB 10K RPM SAS, 3.5in hard-drives
 - 128GB RDIMM, 2400 MT/s, single rank memory
 - Windows or Linux OS

Spectra2 SE2 Full Capacity Test Systems (High Performance):

3. **Dell R830 or R840 (or similar COTS server)** configured with:
 - Four Intel Xeon E5-4627 v4 2.6GHz, 10C/20T processors
 - Two 300GB 15K RPM SAS, 2.5in hard-drives
 - 128GB RDIMM, 2400 MT/s, single rank memory
 - Windows or Linux OS
4. **SuperMicro 1028R (or similar COTS server)** configured with:
 - Two Intel Xeon E5-2640 v4 2.4GHz, 10C/20T processors;
 - Two 300GB 15K RPM SAS3, 2.5in hard-drives;
 - 128GB RDIMM, 2400 MT/s, single rank memory;
 - Windows or Linux OS

Operation System Choices:

- ✓ WIN Server 2019 (64-bit)
- ✓ WIN Server 2016 (64-bit)
- ✓ WIN Server 2012 R2 (64-bit)
- ✓ WIN Server 2008 R2 (64-bit)
- ✓ Windows 10 (64-bit)
- ✓ *Linux Ubuntu LTS (64-bit) *Contact TAC for latest supported versions
- ✓ *Linux CentOS (64-bit)
- ✓ *Linux RedHat Enterprise Linux (64-bit)

*Contact TAC for latest supported Linux versions

PCIe Slot Requirements for Spectra2 High Performance Test Interface Cards:

Part 5T7790	IPSMi-GEN3 Four Port 1/10G NIC	Requires: Full Height / Half Length PCIe Slot
Part 5T77P0	TSMi Eight Port T1/E1 NIC	Requires Full Height / Full Length PCIe Slot