Performance: OpenSWR vs MESA* LLVMpipe

- Intel® Xeon® E5-2699 v3 Processor 2 x 18 cores, 2.3 GHz
- ParaView* 4.3.1
- OpenSWR “alpha 2”
# Performance Test Configuration

<table>
<thead>
<tr>
<th>Node count</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform</strong></td>
<td>Cottonwood Pass Platform (Intel)</td>
</tr>
<tr>
<td><strong>CPU</strong></td>
<td>Intel® Xeon® processor E5-2699 v3 LGA2011 2.3GHz 45MB 145W (DP) Dual socket 18 core</td>
</tr>
<tr>
<td><strong>RAM</strong></td>
<td>128 GB total 8*16GB 2133MHz Reg ECC DDR4</td>
</tr>
</tbody>
</table>
| **BIOS** | Vendor: Intel Corporation  
Version: SE5C610.86B.01.01.0005.101720141054  
Release Date: 10/17/2014  
BIOS Configuration: default |
| **Hard drive** | Intel® SSD  SA2M160G2GC  
1x160 GB SATA® SSD |
| **NVIDIA Co-Processor** | NVIDIA® GeForce® GTX® Titan X  
3072 CUDA Cores  
12GB memory  
Software Details:  
CUDA Version 7.0.28  
OptiX Version 3.8.0  
NVIDIA Driver Version 346.46 |
| **OS / Kernel** | CentOS release 6.6 / 2.6.32-504.23.4.el6.x86_64 |
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