

# Parallel Graph Processing Report

Generated Thursday 12<sup>th</sup> January, 2017 at 15:55

This report was automatically generated from `PATH_TO_MAKEFILE` on `HOSTNAME`.

## 1 Machine Specifications

These data were gathered from `specs.csv`. If these results are not complete enough, try running `get-hwinfo.sh` again and run the command it suggests as root.

|              |                                    |
|--------------|------------------------------------|
| CPU Model    | Intel Xeon(R) E5-2699 v3 @ 2.30GHz |
| CPU Sockets  | 2                                  |
| CPU Cores    | 72                                 |
| CPU Clock    | 3600MHz                            |
| RAM Size     | 256GB                              |
| RAM Freq     | 1866MHz                            |
| Max RAM Freq | 2133MHz                            |
| GPU Model    | GM204 [GeForce GTX 980]            |

Table 1: Machine specifications. Note that because of Turbo Boost or other technologies, the “CPU Clock” row may higher than the base clock speed advertised by the manufacturer. These data can be found at <http://ark.intel.com>.

## 2 Performance Results

Performance in millions of traversed edges per second (MTEPS)

|      | PowerGraph | OpenG |
|------|------------|-------|
| BFS  | 87.4       | 341   |
| SSSP | 1.09       | 3.08  |

Table 2: Performance Results