

# SCC15 – Tsinghua University

## Our Team

- Tsinghua Supercomputing team has seen great achievements even since it was founded. In 2012 and 2015, we won Overall Winner Award of ISC-HPCAC Student Cluster Competition. In 2013 and 2015, we won the Asia Student Supercomputer Challenge (ASC).
- We have practical experience under real work/research environment, e.g., Microsoft Research Asia, Cornell University, Carnegie Mellon University, University of California, Santa Barbara, etc.

## Our Configuration

| Item                | Configuration  | Comment  |
|---------------------|--|--|
| Chassis             | Supernova SYS-1028GR-TRT 1U×8  |  |
| CPU                 | Intel Xeon E5 2699 v3×2×8  | 2 per node                                       |
| Memory              | M393A2G40DB0-CPB 16GB×8×8  | quad-channel,<br>2133MHz DDR4,<br>128GB per node |
| Power Supply        | Supernova PWS-1K66P-1R ×2×8  | 2 PS per node                                    |
| Storage             | Intel Pro 2500 120G×8<br>Intel PCIE SSD 750 Series 1.2T in head node |  |
| Infiniband Ethernet | Mellanox EDR 100Gb/s InfiniBand adapter                              |  |
| Ethernet            | Intel 10-Gigabit X540-AT2  |  |

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## Acknowledgements

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- We also thank Allinea, Mellanox, Intel and Paratera for supporting us in this competition

**allinea**



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## Why we will won

- Our team has been well prepared for team collaboration.
- Our hardware and software configuration are well-designed.
- We have a broad understanding of different applications on cluster.



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