## Power8 server (p8)

### System Description

**Host name:** p8.ncsa.illinois.edu

**Hardware**
- IBM Power System S822LC (8335-GTB) server
- 2x 10-core IBM POWER8 CPU @ 4.02 GHz
- 128 GB DDR4
- 4x NVIDIA P100 GPUs
- 3584 cores
- 16 GB HBM 2
- 1x 447 GB SSD

**Software**
- Ubuntu
- CUDA 8.0
- PowerAI Release 4.0
  - Installed in /opt/DL


To request access please fill out this form.

- ML/DL training materials can be found here.
- Instructions for Jupyter Notebook

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