

Hardware Sensitivity Analysis for Deep Learning Training Workloads

Anand Jayarajan, Alexandra Fedorova

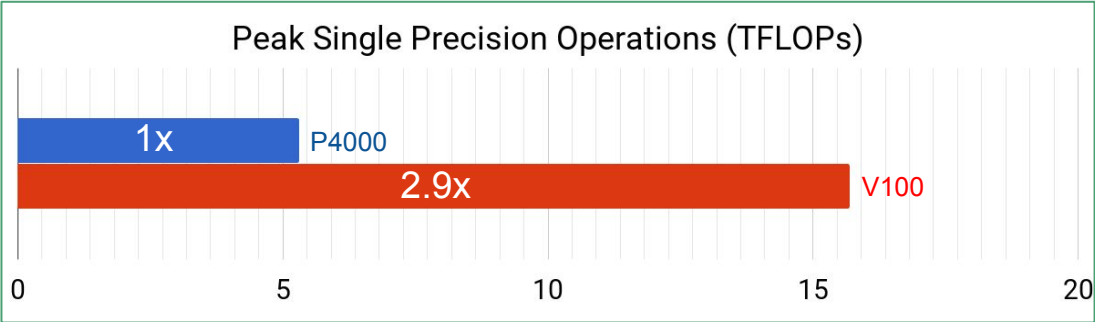
University of British Columbia



THE UNIVERSITY
OF BRITISH COLUMBIA



Different computation characteristics of Neural Networks



Importance of other hardware components

- Some models spend considerable amount of time on CPU as well
- Our goal is to study hardware requirements for a set of archetypal deep learning models

