



## **4.1.0-1 Release Notes**

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Clara Parabricks 4.1.0-1 now supports GPUs with Ada Lovelace and Hopper architecture. The DeepVariant tool no longer needs different models for different GPUs. Please visit the updated [Installation Requirements](#) section for exact requirements.

We've also sped up several tools and are now using the GPU to sort and write BAM files in [fq2bam](#), [somatic](#), [germline](#) and [deepvariant\\_germline](#).

## Improvements

- Ada Lovelace and Hopper architecture GPUs are supported for all tools.
- fq2bam has been accelerated over the previous version by a significant factor.
- deepvariant has been upgraded to 1.5 and supports new PacBio options.
- deepvariant has been accelerated by a significant factor.
- Added cloud usage guides for:
  - [AWS](#)
  - [DNANexus](#)
  - [GCP](#)
  - [Terra Bio](#)
- Added information on how to get the [best performance](#) out of your Clara Parabricks software

## Bug Fixes

- Fixed potential resource leaks in a few tools.

For further information see the [Parabricks datasheet](#).

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