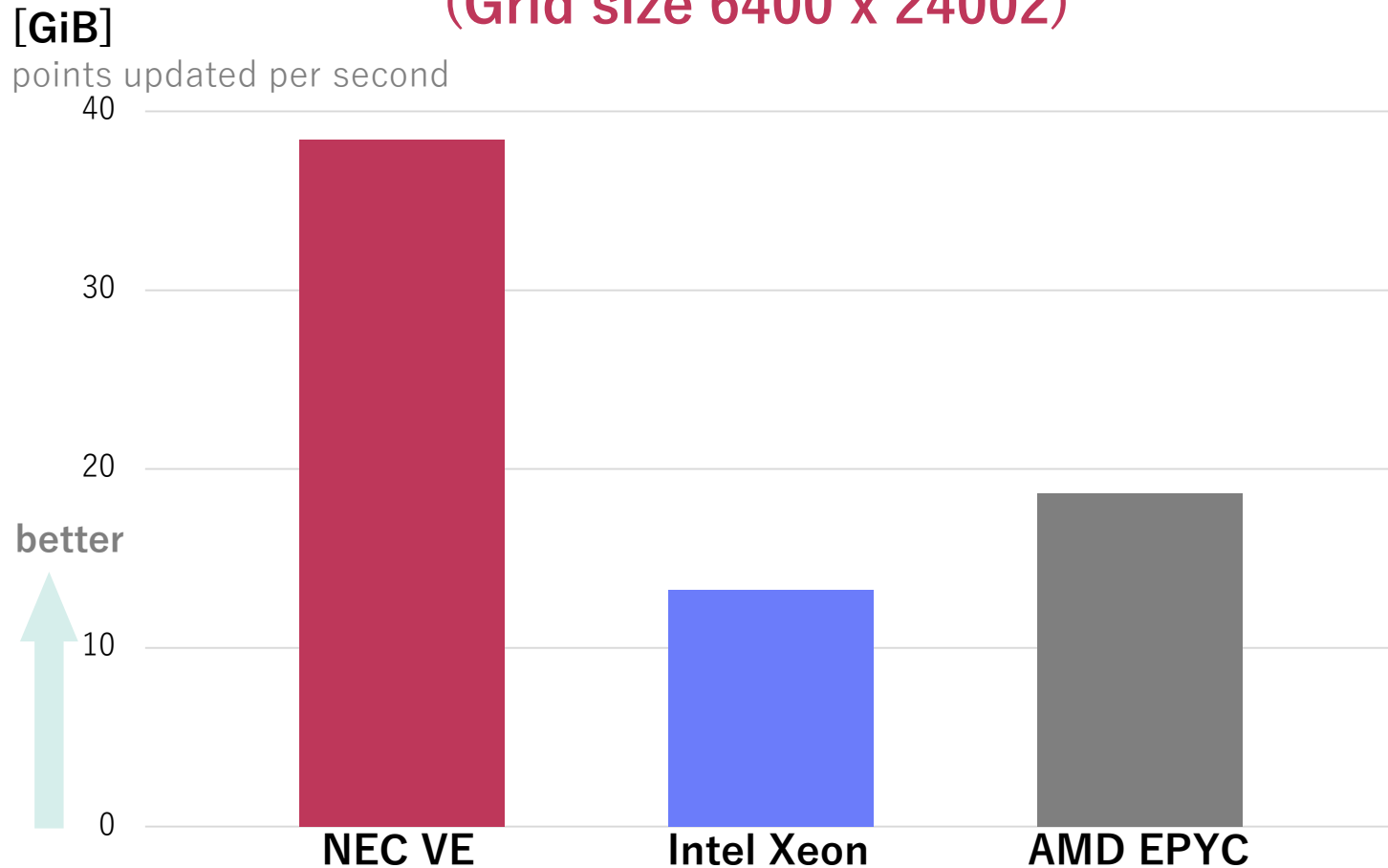


Evaluation of RTM2D kernel based on Madagascar

RTM2D kernel performance (Grid size 6400 x 24002)



- NEC VE(Vector Engine) type 20B (8 cores)
- Intel Xeon Gold 6230R Cascadelake(26 cores) x 2 sockets
- AMD EPYC 7702 Rome (64core) x 2 sockets



NEC Vector Engine

Large Grid size
performance on VE
is better than CPU!

[Contact us for further information](#)
Web site :
<https://www.nec.com/en/global/solutions/hpc/Geosciences/>
Email to : info@hpc.jp.nec.com