

Intel's new teraflop chip



Outline

From megaflops to teraflops to petaflops

Computer processors have cores

So why would we want a chip like this?

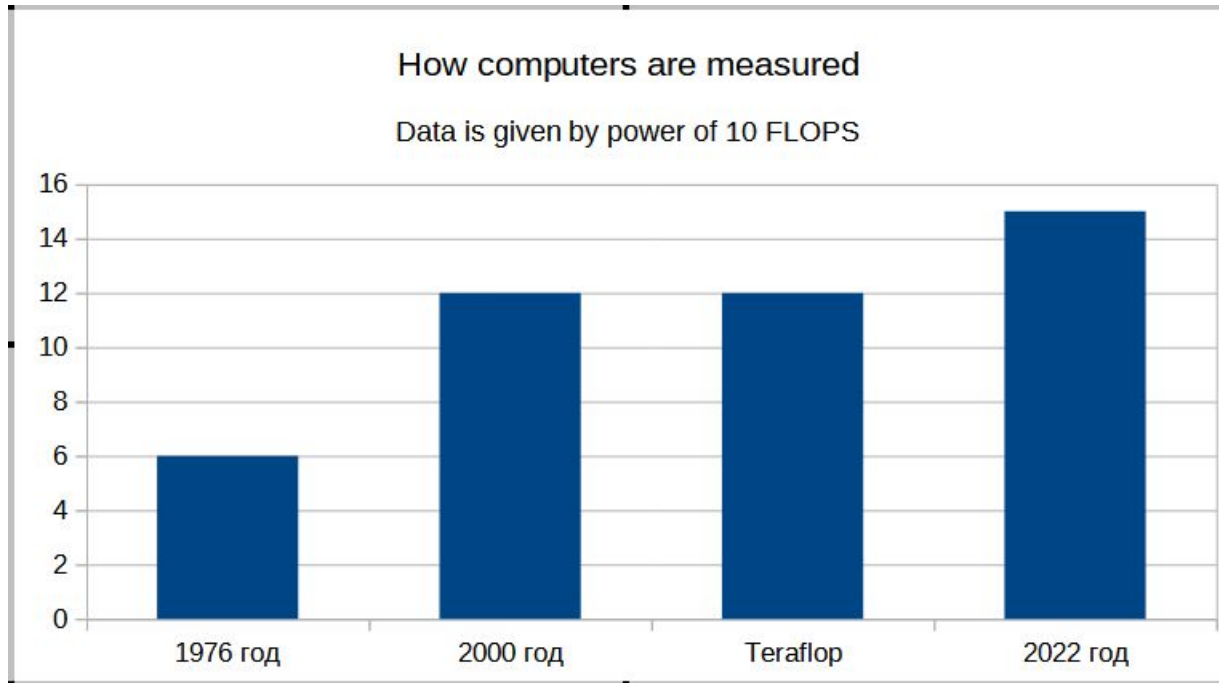
Background

- 18 cores & \$1999
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- Who needs it?
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- The most extreme and powerful

From megaflops to teraflops to petaflops

- What FLOPS is?
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- $134532.3452352 * 786.34523425$
-

How supercomputers is measured?



1976 — Cray-1
2000 - ASCI Red
2022 - Mira

Why organizations and user needs new chip?

- Cheaper systems for more organizations
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- Where do they use big FLOPS

Computer processors have cores



- 18 cores
- — 36 operations

So why would we want a chip like this?

- do several intense things at once
- The direction that a lot of computing is going.
- Another complex tasks

Conclusion

- When X-Series will be available?

Bibliography

- Title: Intel's new chip puts a teraflop in your desktop. Here's what that means
Author: Rob Verger
Source:
<https://www.popsci.com/intel-teraflop-chip/>