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?
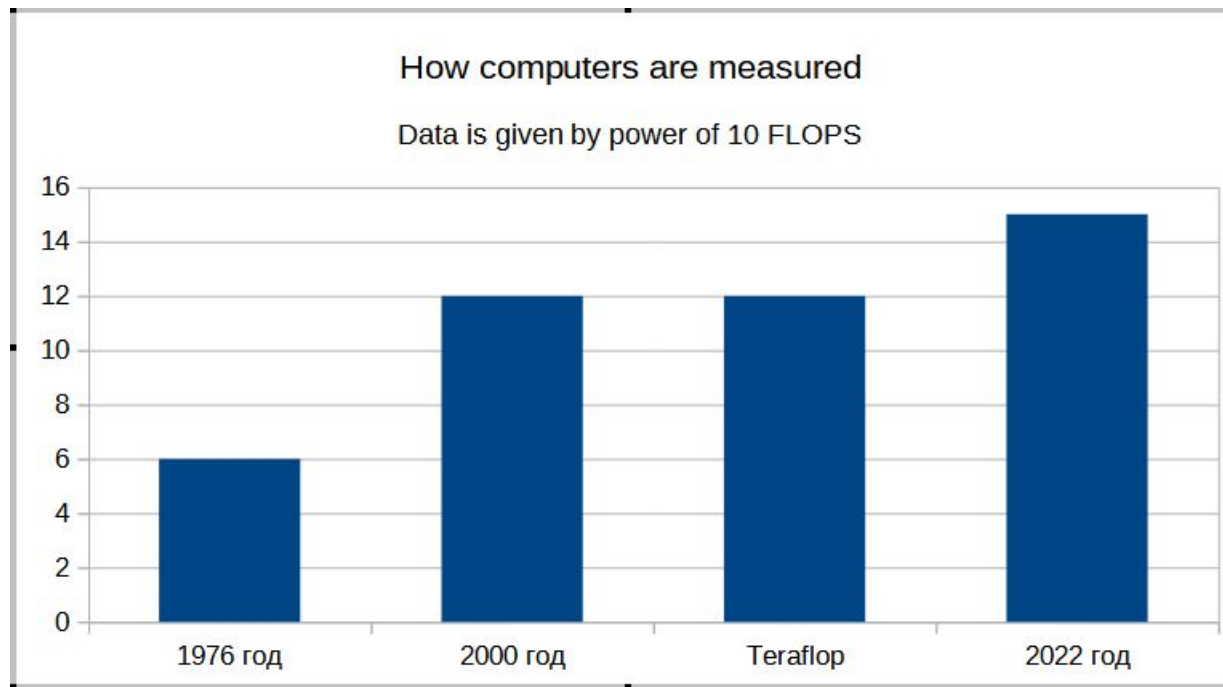
Background

- 18 cores & $1999

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- Who needs is?

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- The most extreme and powerful

From megaflops to teraflops to petaflops

- What FLOPS is?

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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/