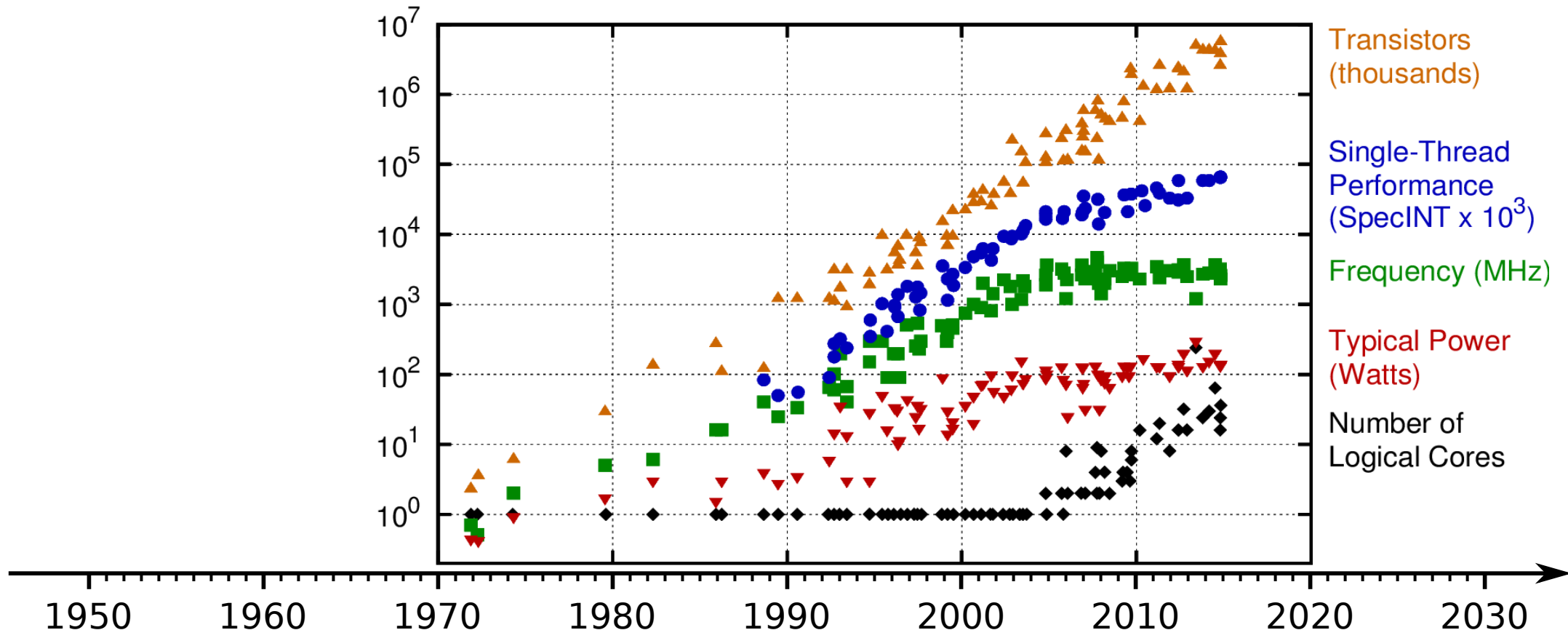


Original data up to the year 2010 collected and plotted by M. Horowitz, F. Labonte, O. Shacham, K. Olukotun, L. Hammond, and C. Batten
New plot and data collected for 2010-2015 by K. Rupp

40 Years of Microprocessor Trend Data



“just get it working”

- Early exploration: what can computers do for us?
- Specialized applications for business and science.
- Mostly assembly language.

“generalize it”

- Distributing software for personalized computers and the web.
- High-level languages, particularly object-oriented.

“make it fast”

- Data analytics of web-sized datasets.
- Deep learning becoming effective in business and science.