







Better architecture, or if not better, add additional hardware features

 Additional transistors on a chip have been used to add hardware features, relieving the CPU directly of a program running on it, where this additional hardware does it directly. Sure, they found a few places to nip and tuck, picking up a few percent in performance here and there, but it is hard to improve a highly out-of-order four-issue CPU that already has the world's best branch prediction.

- Linnley Gwennap



