



Intel Corporation (Intel) commissioned Principled Technologies (PT) to compare the performance on Microsoft Windows Vista of an Intel vPro technology based PC with that of three other platforms on a common business professional sales and marketing scenario. We tested a scenario which uses Microsoft PowerPoint 2007. We compared the performance of the following four platforms on this scenario:

- Intel vPro technology with Intel Core 2 Duo processor E6700 on an Intel 965 (DQ965GF) motherboard
- Intel Pentium D processor 930 on an Intel D945GTP motherboard
- Intel Pentium 4 processor 630 on an Intel D945GTP motherboard
- Intel Pentium 4 processor on an Intel D865GBF motherboard

Scenario: opening and editing a Microsoft PowerPoint 2007 presentation

Sameer Gupta, the head of sales and marketing for educational testing at Acme Academics, has the task of proposing to management the minimum PC configurations that the company will recommend to educational institutions and testing centers. As preparation for his proposal, Sameer is studying a PowerPoint presentation of test results comparing different types of PCs. He opens the PowerPoint deck and decides to change the background of all of its slides to one he believes management will prefer.

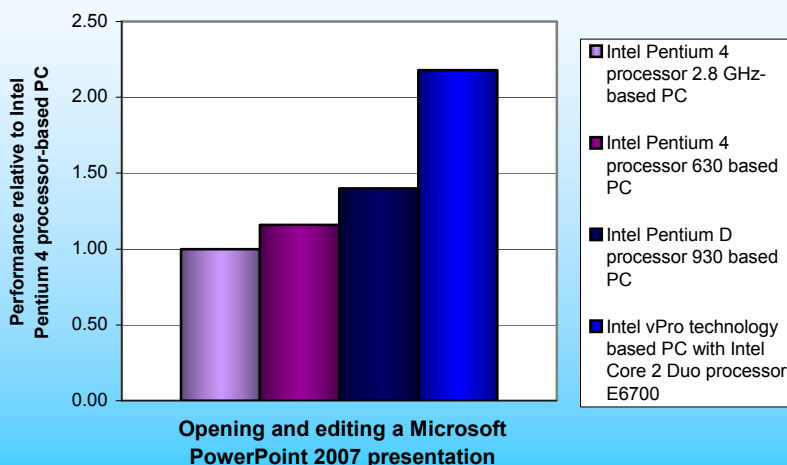
The new XML formats in PowerPoint 2007 did not exist in PowerPoint 2003, and opening files in that format benefits from additional processing power. The Intel vPro technology-based PC with the Intel Core 2 Duo processor E6700 outperformed its competitors on opening and editing a Microsoft PowerPoint presentation due to the faster processor and chipset. The improvement is likely due to the processor's larger L1 cache, faster memory access, and, of course, dual cores.

For more information on these tests and to see the full test report, visit:
www.principledtechnologies.com/clients/reports/Intel/vProVistaEmp.pdf.

KEY FINDINGS

- The Intel® vPro™ technology based PC with the Intel® Core™ 2 Duo processor E6700 yielded significant performance advantages for users on our business professional sales and marketing test.
- The Intel vPro technology-based PC with the Intel Core 2 Duo processor E6700 finished the task 1.56 times faster than the Intel® Pentium® D processor 930-based PC.
- The Intel vPro technology based PC with the Intel Core™ 2 Duo processor E6700 finished the task 2.18 times faster than the Intel® Pentium® 4 processor 2.8GHz based PC with the Intel D865GBF motherboard.
- These performance improvements translate into multi-second time savings that would be significant to users.

Sales and Marketing scenario with PowerPoint



PERFORMANCE RESULTS (seconds)				TASK	COMPARATIVE RATING			
Intel Pentium 4 processor 2.8 GHz on Intel D865GBF	Intel Pentium 4 processor 630 on Intel D945GTP	Intel Pentium D processor 930 on Intel D945GTP	Intel vPro with Core 2 Duo processor E6700 on Intel DQ965GF		Intel Pentium 4 processor 2.8 GHz on Intel D865GBF	Intel Pentium 4 processor 630 on Intel D945GTP	Intel Pentium D processor 930 on Intel D945GTP	Intel vPro with Core 2 Duo processor E6700 on Intel DQ965GF
12.44	10.72	8.91	5.70	Opening and editing a PowerPoint presentation	1.00	1.16	1.40	2.18