

How much time can *you* save?

**White Paper Report:
Benchmark Test Comparing Processing Speeds
of aSa e^x Software Running on:**

New Dell Precision Workstation with Intel® Core™ 2 Duo processor

vs.

Typical 4+ Year Old PC



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Hardware

New Dell Precision Workstation PC

1.86 GHz Intel Core 2 Duo CPU
1 GB DDR2 RAM
160 GB 7200 RPM SATA Hard Drive
Windows XP Professional

Typical 4+ Year Old Pentium III PC

800 MHz Pentium III CPU
512 MB PC 133 RAM
30 GB 7200 RPM IDE Hard Drive
Windows XP Professional

System Information

Both PCs were “cleaned” of all programs and loaded from scratch with Windows XP Professional and aSa v6.3 SP4 Rebar Software.

Test Details

Both PCs used the exact same data files and performed the exact same tasks. Sample data included typical aSa bar lists, estimates, production runs and other rebar information. Every task was performed three times on each workstation to derive an average speed.

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Want to Learn More?

For details about aSa-supplied hardware, please contact aSa’s IT Department at 1.800.CALL.ASA, 724.733.8700, or websales@asaHQ.com.

Opening the aSa Menu and aSa Applications

Opening the aSa e^x Menu **Time** **% Increase** **Times faster**

Dell Precision 390	0.67	129.9%	2.3
PIII 800eb	1.54		

**Opening CAD/Detailing e^x
(Launching MicroStation)** **Time** **% Increase** **Times faster**

Dell Precision 390	2.51	310.4%	4.1
PIII 800eb	10.3		

Opening Estimating e^x **Time** **% Increase** **Times faster**

Dell Precision 390	0.89	182.0%	2.8
PIII 800eb	2.51		

Opening Bar List e^x **Time** **% Increase** **Times faster**

Dell Precision 390	2.13	266.7%	3.7
PIII 800eb	7.81		

Opening Production e^x **Time** **% Increase** **Times faster**

Dell Precision 390	1.17	163.2%	2.6
PIII 800eb	3.08		

aSa Estimating e^x

Opening a 3500-line Estimate **Time** **% Increase** **Times faster**

Dell Precision 390	16.4	140.9%	2.4
PIII 800eb	39.5		

Creating an Estimate Report **Time** **% Increase** **Times faster**

Dell Precision 390	23.37	212.8%	3.1
PIII 800eb	73.1		

Recalculating an Estimate **Time** **% Increase** **Times faster**

Dell Precision 390	6.59	237.6%	3.4
PIII 800eb	22.25		

Note: The same 3500-line estimate was used for all tests.

aSa CAD/Detailing e^x

Opening a Drawing **Time** **% Increase** **Times faster**

Dell Precision 390	7.71	129.3%	2.3
PIII 800eb	17.68		

Linear Calculation - Circular Area **Time** **% Increase** **Times faster**

Dell Precision 390	1.3	153.8%	2.5
PIII 800eb	3.3		

Creating a 338-item Takeoff **Time** **% Increase** **Times faster**

Dell Precision 390	5.46	83.3%	1.8
PIII 800eb	10.01		

aSa Production e^x

Adding a Bar List to a Production Session

	Time	% Increase	Times faster
Dell Precision 390	6.67	66.7%	1.7
PIII 800eb	11.12		

Optimizing a Production Run

	Time	% Increase	Times faster
Dell Precision 390	15.51	60.9%	1.6
PIII 800eb	24.95		

Creating a Material Report

	Time	% Increase	Times faster
Dell Precision 390	11.86	96.4%	2.0
PIII 800eb	23.29		

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